

ИЗДАНИЕ

7

HESI

# СПРАВОЧНИК по NCLEX-RN®

на русском





• • • •

NCLEX-RN.

NCLEX-RN (NGN),

" - "

Comprehensive Review for the NCLEX-RN Examination (HESI)

Comprehensive Review for the NCLEX-RN Examination (HESI)

Evolve

(

)

(Next Generation, NGN)

Evolve

NCLEX-RN.

NCLEX-RN.

NCLEX-RN, - HESI Exit Exam.

NCLEX-RN,

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.

HESI-

HESI

Elsevier.

• HESI

NCLEX-RN (NGN). Next Generation

Elsevier,

• *HESI Practice Test*—This is the ideal way to practice for the HESI - Next Generation NCLEX-RN (NGN). 1200

HESI 7

- ( ), HESI • Elsevier, Mosby, Saunders
- Practice Test
- NCLEX
- HESI
- *Elsevier*
- *Elsevier*
- HESI
- HESI
- HESI
- NCLEX.
- NCLEX,





<b>1</b>	<b>NGN-NCLEX-RN, 1</b>	-	, 133
		-	, 134
	Next Generation NCLEX-RN, 3	, 144	, 140
			, 154
	NGN-NCLEX-RN, 3		, 154
	Next		
	Generation NCLEX-RN, 5	, 161	
			, 161
			, 169
<b>2</b>		169	
	, 13		, 173
	, 13		, 177
	, 19		
		<b>5</b>	, 179
	, 20		, 179
		, 183	
		, 192	
	, 23		, 192
	, 30		, 197
<b>3</b>		-	, 197
			-
	, 31	, 203	
		-	, 203
	, 31		
	, 33		
	, 35	, 212	
			, 212
	, 40		, 216
	, 41		
	, 41		, 216
		( ), 219	
	, 43		, 219
	, 44		, 222
	44		
	-	, 223	
	, 53		, 225
			-
	, 54		, 225
	, 54		
	, 58	, 229	
	, 58	, 230	
	, 61		
	, 61		
	, 65	<b>6</b>	
	, 67	, 233	
	, 67		, 233
	, 69		, 239
			, 241
	, 70		, 242
	, 70		, 242
	, 72		, 243
<b>4</b>			, 243
	-	, 244	
	75		, 245
			, 245
	, 76		(
	/		, 246
	, 76		, 247
	, 77		
	, 77		
	, 77		
	, 78		
	, 91		
	91		
	, 97		
	, 97		
	, 115		
	, 115		
	, 124		
	, 125		
			, 281
			xi

7

276 ( , 275 ) , 271 , 302 :  
276 , 281 , 302 , 306  
, 284 , 285 306 307  
, 293 , 293 307 , 308  
, 294 , 296 , 297 8 , 311  
, 298 , 299 , 311 , 311 , 327  
, 299 , 311 , 328  
, 299 , 300 , 329  
, 300 , 300 , 345  
, 301 , 347  
, 301 , 301

# NGN-NCLEX-RN

Next Generation NCLEX-RN (NCSBN, 2019).

A. (CJMM) NCSBN (2018a; Betts, Muntean, Kim, Jorion, & Dickison, 2019) . CJMM

5).

[NCSBN], 2018,

[NGN] NCLEX-RN.

Next Generation Nursing

COBET OT HES: Основным аспектом заботы в медицинской сестринской практике является обеспечение безопасности пациента

1.

2.

3.

4.

5.

6.

COBET OT HES: Большинство вопросов составлены с позитивной формулировкой

COBET OT HES: Вопросы, сформулированные в отрицательной форме, включают ключевые слова, указывающие на отрицательный характер.

ПРИМЕР: 1. "Какие признаки указывают на необходимость повторного обучения медсестры клиенту по сердечным заболеваниям?" (Какие показатели неверны или неправильно поняты клиентом?) 2. "Какой"Какой медикаментозный назначение медсестра должна подвергнуть сомнению?" (Какое лекарство может быть небезопасным, неэффективным или несоответствующим ситуации данного клиента?)

A. NCLEX-RN

(NCSBN, 2018b)

1.

2.

a.

1.

a.

2.

a.

[CPR])

1.

2.

3.

4.

5.

6.

a.

7.

1.

ABC ( CAB

[ ( ])

2.

a.

3.

a.

1.

2.

3.

4.

5.

6.

7.

8.

A.

( &amp; )

( ,

:  $K^+$ ,  $Na^+$ ,  $Ca^{++}$ ,  $Mg^{++}$ ,  $Cl^-$ ,  $PO_4^-$ 

( )

 $Ca^{++}$   $PO_4^-$ 

( ).

( )

Совет от HESI: Не забывайте различать протромбиновое время (PT), частичное тромбопластиновое время (PTT) и активированное частичное тромбопластиновое время (aPTT)

1.

2.

3.

4.

5.

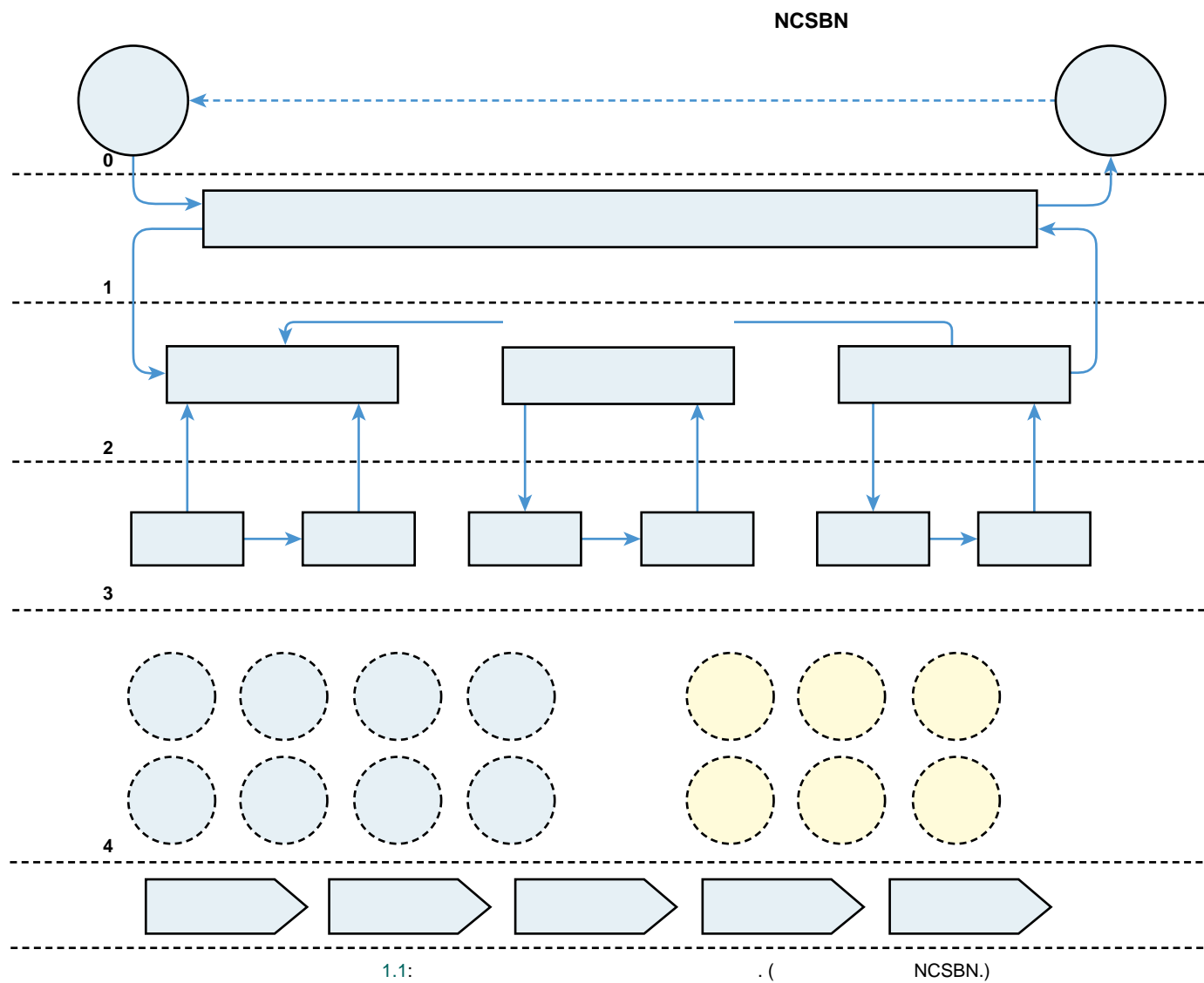
6.

7.

8.

 $Na^+$   
 $K^+$  $PO_4^-$

( . . 1.1).



NCLEX-RN

Next Generation NCLEX-RN

NCSBN

NCLEX.  
(NCJMM)

(CAT)  
NCSBN

NCSBN

NCSBN

(1.1).

1.1:

: , , & . (2019). NCSBN.

1.1).

( .

A. NCLEX-RN

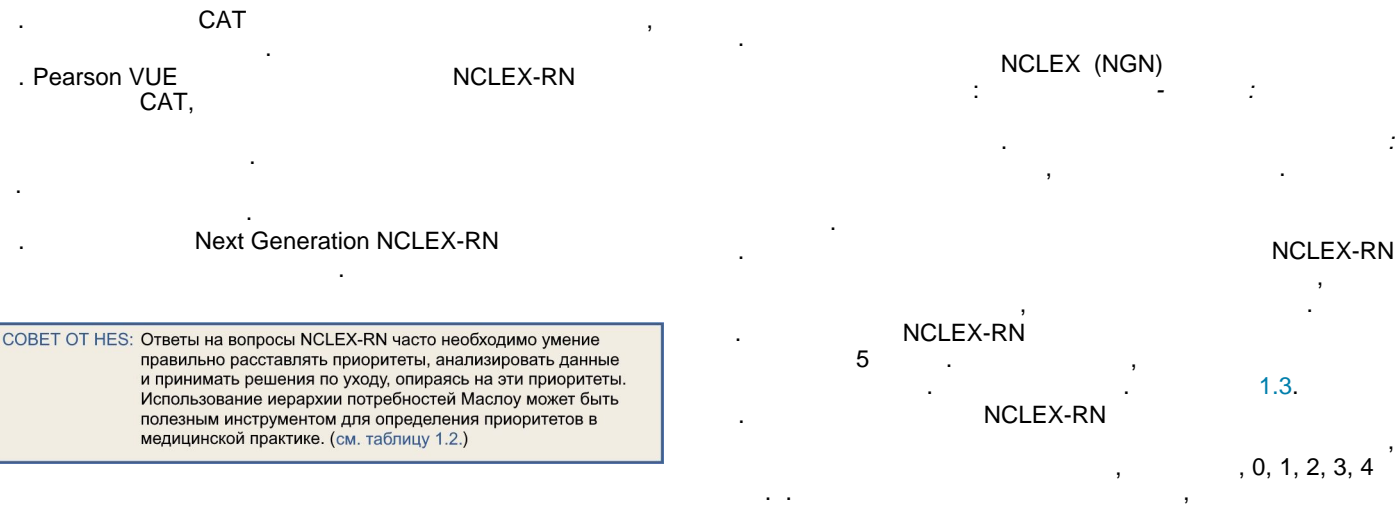
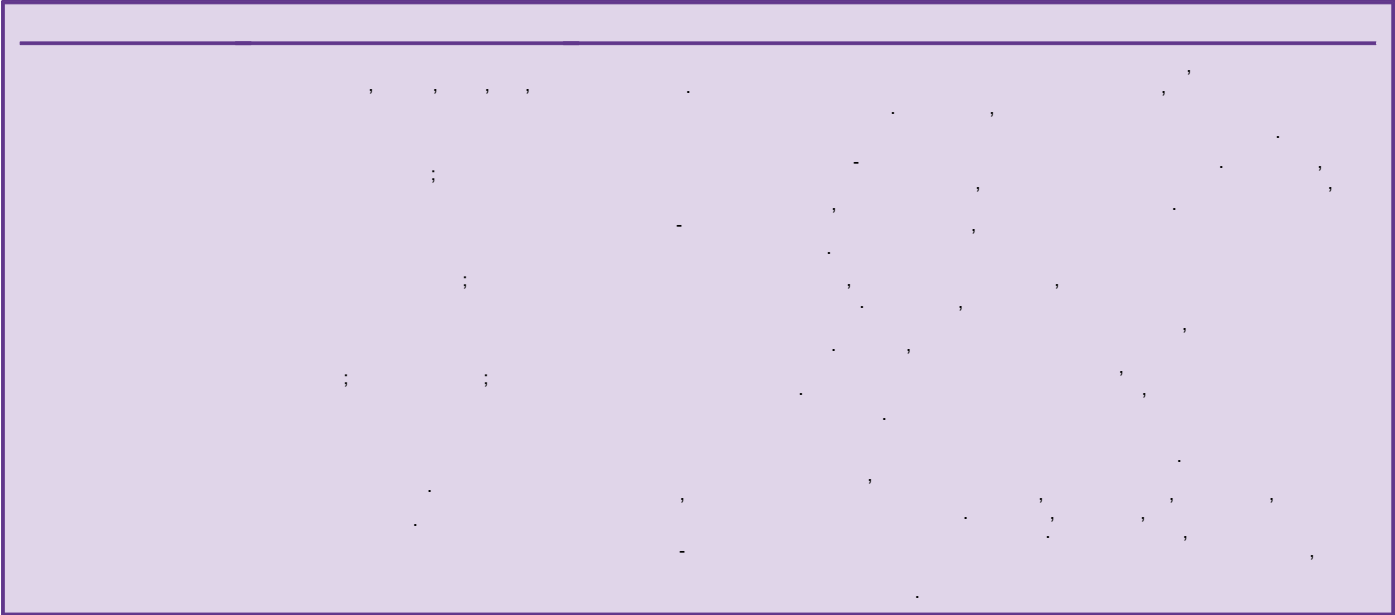
NGN-NCLEX-RN

Next Generation

(CAT).



1.2



A.

1.3 Next Generation NCLEX			
NCLEX		NGN	NGN
5	5	5	5
( )	3 ( . . 18 )	3 ( . . 18 )	3 ( . . 18 )
( )	0	7 <sup>a</sup>	110
60—130	52		
60—130	70	135	
( ) 15	15	15	
CAT	CAT <sup>b</sup>	CAT <sup>b</sup>	

NGN - 10% 65 NCLEX.  
NCSBN

7.

## Next Generation NCLEX-RN

1.

2.

NCSBN

1.4

NGN

10

Next Generation NCLEX-RN.

NGN -

1.3).

( 1.2

Next Generation NCLEX (NGN) -

Cloze ( ),

( 1.4 1.5).

1.4,

NCSBN

<https://www.ncsbn.org/1213.htm>.

NCLEX

&gt;

&gt;

NCLEX.

&gt;

A.

A.

Next Generation NCLEX-RN

1.

2.

3.

4.

5.

6.

Post-it,



NCLEX-RN

NCLEX

Next  
Generation NCLEX-RN (NGN)

NextGen NCLEX

" "

28- ( , ), 40-

125 /

-5 ,

15 / -150 / , 15 ,

5 , 70 ,

-15, -88, -38.0°C, -115/78,

0.25% 0/10. 10 / .

1.2 ( NCSBN.)

5 ,

(150 / )

5 70

(0/10).

1.3 ( NCSBN)

78- ( ).

6 , 38,4°C, 92 / , 22

/ , 152/86 2 / , 94%

3

1.4 ( NCSBN.)

Выберите... ▼

Выберите...

Показатели здоровья

Показатели здоровья

Оценка дыхания

Оценка сердечно-сосудистой системы

...

...

1.5

( NCSBN).

, , & , (2019).

20(S2), 21 36.

, & , (2005).  
( 8 21). - , NY: Springer.  
, & , (2021).  
(NGN) NCLEX:

<https://share.vidyard.com/watch/sogbMTJfbbWD5gwzKaV74T?chapter=1>.

, & , (2017).

, 38(2), 57 62.

<https://doi.org/10.1097/01.NEP.0000000000000112>. PMID: 29194297.

, (1943).

, 50(4), 370 396.

<http://psycnet.apa.org/record/1943-03751-001>.

(NCSBN). (2018).

NCSBN, 71. , IL: NCSBN.  
<https://www.ncsbn.org/11995.htm>.

(NCSBN). (2018a).

NCLEX® NCSBN

, IL.

(NCSBN). (2018b).

NCLEX RN®

, IL.

(NCSBN). (2019).

NCLEX ( ), 1 6.

, & , (2011).

, 19(3), 354 359. <https://doi.org/10.1111/j.1365-2834.2011.01248.x>. PMID: 21507106.

**COBET OT HES:** В ночь перед экзаменом NCLEX-RN уделите всего 30 минут на подготовку. Посвятите это время повторению стратегий сдачи тестов. Если хотите, практикуйтесь с разными тестовыми заданиями (но не более 30 минут, не проходите полные тесты). Проведите эту ночь, занимаясь тем, что приносит вам удовольствие.

Next Generation NCLEX-RN



- 1.
- 2.
- 3.
- 4.

**COBOT OT HES:** Существует несколько предположений, лежащих в основе лидерства и управления в сестринской практике XXI века:

Начинающим и опытным медсестрам необходимо применять знания, навыки и компетенции в области лидерства и управления, чтобы содействовать и способствовать безопасному и эффективному уходу и обеспечивать качественные результаты.

Оказание медицинской помощи продолжает перемещаться из стационарных медицинских учреждений в амбулаторные и общественные учреждения.

Сотрудники здравоохранения и пациенты, за которыми мы ухаживаем, становятся все более разнообразными, что усложняет уход за пациентами, особенно в части коммуникации и обеспечения безопасных результатов.

Каждая медсестра является лидером, менеджером и последователем, независимо от ее звания или роли.

**СОВЕТ ОТ НЕС:** Каждая медсестра обязана овладеть и применять концепции лидерства и управления в клинической практике, независимо от того, заботится ли о конкретных пациентах, популяциях или системах здравоохранения.

**СОБЕТ ОТ HES:** Руководители сестринского персонала вдохновляют и поддерживают медсестер, коллег и других работников. Семьдесят процентов американских работников испытывают негативные эмоции относительно своей работы. Руководители сестринского персонала позитивно воздействуют на медсестер, коллег и работников, меняя их взгляд на работу.





( - , 2019, 81).

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

**СОВЕТ ОТ HES:** Мышление во время действия дает нам возможность управлять поведением медсестры до того, как событие произойдет. Мышление после действия позволяет нам пересмотреть прошедшее событие, определить, что можно было бы сделать по-другому, и понять, как наши лидерские действия влияют на других через наше вмешательство.

( - , 2019, 81).

40

2.1),

( , 2003).

86).

( - , 2019,

2.2).

4:1,

12-

**СОВЕТ ОТ HES:** Стать настоящим и эффективным руководителем медсестры требует самопонимания и осознания собственных достоинств и недостатков. Рефлексия и ведение дневника - это способы, чтобы понять и осознать свое истинное "я"

2.3).

( .



2.2

:

4:1.

4:1

?

?

?

?

?

?

?

?"

2.3

,

2.4

(NCSBN).

NCSBN.  
2.5

(UAP)

## 2.4

(NCSBN).Council of State Boards of Nursing (NCSBN)

ТАБЛИЦА 2.5 Пять прав и связанные с ними вопросы для делегирования полномочий дипломированной медсестрой

Методы	Связанные вопросы
1. Правильная задача	Может ли эта задача быть передана для выполнения другому медицинскому работнику?
2. Правильная ситуация	Учитывая условия и доступные ресурсы, следует ли поручить эту задачу?
3. Правильный человек	Должен ли именно этот человек делегировать задачу?
4. Правильное взаимодействие/коммуникация	Предоставляет ли медсестра четкое и краткое описание задачи, включая её ограничения и ожидания?
5. Правильное руководство	После того, как задача была передана, осуществляется ли должное наблюдение и контроль?

(Yodanis, 2019, стр. 309).

**COBET OT HES:** Этический Кодекс для Медсестер с Интерпретацией содержит девять правил. Этот Кодекс описывает этические обязанности всех медсестер (см. Йодерс-Уайз, 2019, страница 309). Согласно четвертому правилу этой Интерпретации Кодекса, медсестры не могут передавать другим сестрам медицинские задачи, оценку состояния здоровья и анализ.

**COBET OT HES:** Зарегистрированная медсестра (RN) обязана давать четкие указания и руководство при передаче задач другим медицинским работникам. Например, RN должна следовать трем основным правилам надзора, включая лицензированных медицинских сестер (LPN), выпускников медицинских школ (GN), студентов-медиков (SN) и нелицензированный вспомогательный персонал (UAP).

## 2.1.

1. ?
2. ?
3. ?

2.6

1. /

2.

3.

4.

5. /

1. /

2.

3.

1.

2. ?

HES:

(UAP)

HES:

(UAP).

UAP.

HES:

77). ( , 2020

2.7

2.7:

HES:

2016  
( - , 2020, . 350).

2.8.

A.

HES:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

A.

1.

2.8:

- (CMS).
- , CMS
- 
- 
- 
- 6

(CAUTI)

1







4. , .
5. .
6. ,
7. ,

HES:

5. ?
6. , ?
7. ?
8. ?
9. ?
10. , ?
11. , ?
12. ,
13. HIPAA, ?

1996

A. (HIPAA)  
1996

B. HIPAA

C.

D.

E.

(DHHS),

HIPAA:

<http://aspe.hhs.gov/admsimp/final/pvcguide1.htm>.

1. ?
2. ,
3. ( , )?
4. " , ?

A.

1. .
2. .
3. .
1. .
2. .
3. .

A.

1. .
2. .
3. .
4. .
1. .
2. .
3. .
4. .

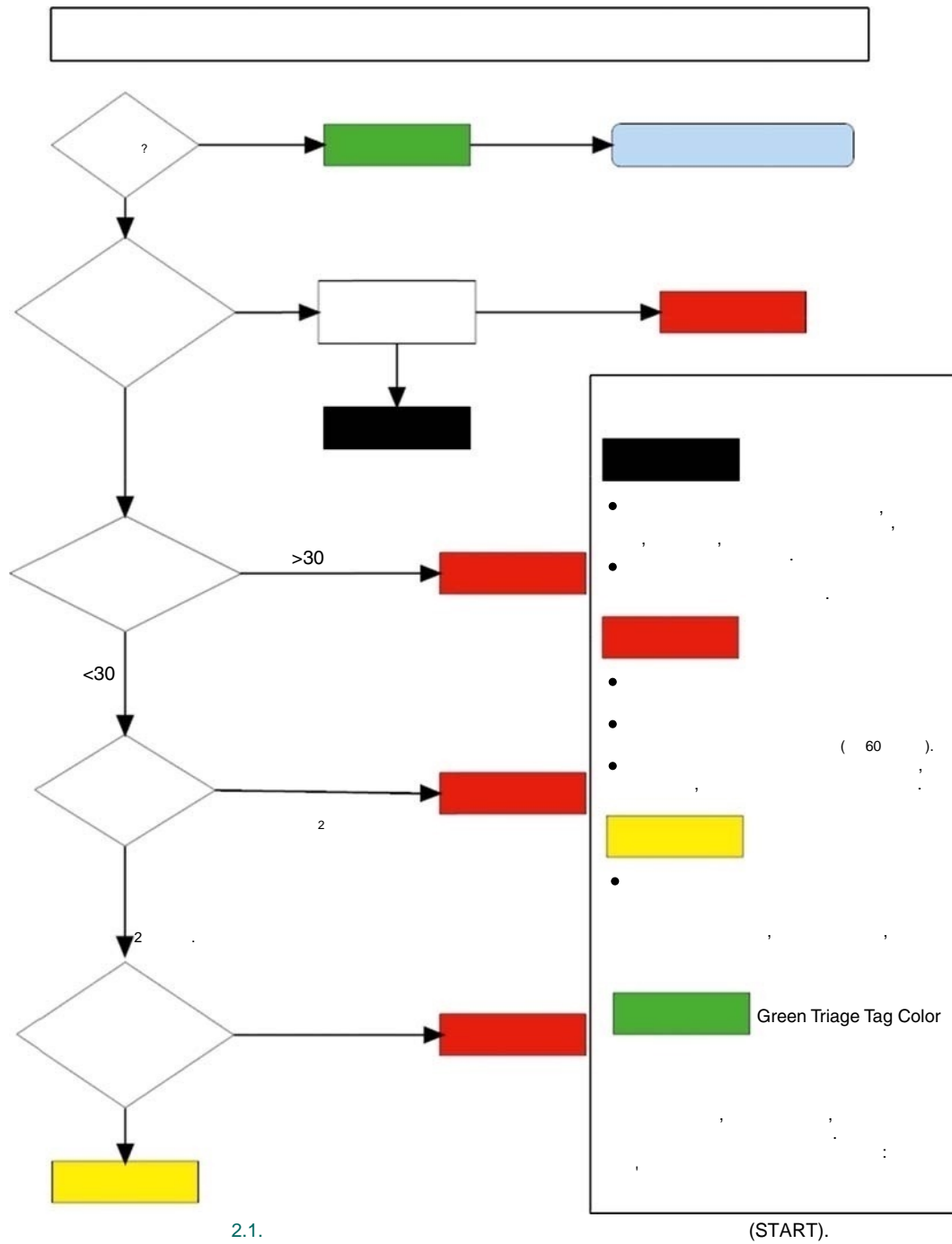
A.

" .

30-60

HES:

HES:



(CDC)

CDC

21

- 1.
- 2.
- 3.

38,6°C

101,5°F







4.  
5.  
6.  
7.

1.

21

:

( ).

(PPE)

Clinical Judgement interventions

1.

2.

3.

21

(CDC)

4.

CDC

1.

(

(

)

2.

(

)

3.

N95 (

),

4.

(COVID-19)

A. COVID-19

1.

(CDC):

<https://www.cdc.gov/coronavirus/2019-ncov/index.html>

1.

(COVID-19)—  
SARS-CoV-2.

. Transmission

1.

(

)

2.

3.

1.

2.

3.

/

1.

2.

3.

COVID-19

10

24

4.

( . . ,

)

20

5.

),

10

COVID-19,  
2

(SARS-CoV-2)

3

1.

2.

3.

4.

5.

6.

<http://evolve.elsevier.com/HESI/RN>  
HESI.

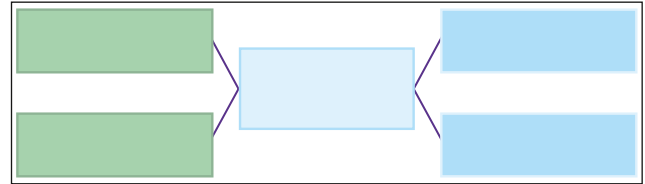


## NCLEX (NGN) "BOWTIE"

32-

2

2







\*

Windy City (2020).  
 (2020).  
 (2007).  
 (2006).  
<http://www.situational.com/>

(2014, ).  
 OnPoint. [http://www.necf.org/whitepapers/HBR\\_Managing\\_Yourself.pdf](http://www.necf.org/whitepapers/HBR_Managing_Yourself.pdf).  
 (2020).  
 (8- ).  
 Jones & Bartlett, . 4.  
 (2019).  
 (7- ).  
 Elsevier.

1. ( ).
  2. ( ).
  3. ( ).
  4. .
  5. ( ).
  6. .
  7. .
  8. .
  9. , .
  10. ( ).
  11. .
  12. .
- A. :
1. .
  2. .
  3. .
  4. .
  5. .
  6. .
  7. .
  8. COVID-19.
- . Complications of ARDS
1. :  
 . ( 3.1 3.3).
  2. - ,
  3. ( , ),  
 , , ,  
 - ,  
 .
  4. - - ,
  5. - ,  
 -  
 ( ).

HES: 40%.

( , , , 2014 ).



: , . (2020).

?

•

## 3.1

： ， ， ( )，

，

$O_2 (FiO_2) > 60\%$

$O_2(PO_2) < 50$

- 1.
- 2.
- 3.

( )

30

( )。

( )。

$T_{PR}$

- 1.
- 2.

a.

(pH)

( )。

( )。

( )。

( )，

( )

( )。

( )



60  
( 50 ),  
7,35, ( pH , 2013).

HES: NGN-NCLEX-RN

:"  
?"  
"  
( ),

NGN-NCLEX-RN

NGN-NCLEX-RN

1. PO<sub>2</sub> ?
- 2.
3. 2 60 ?  
( 50 ),  
7,35, ( )
- 4.
- 5.
6. 2 ?  
" ? "

1. , ,  
40-50%,  
( )

(>2

2. / )
3. E (Ig-E),  
( ).

),  
( . .

- 1.
- 2.

a.

3. 3.4 ( 3.1).
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.



(

)

/



→

### 3.3

→

2

7.

8.

•

1.

2.

3.

4.

5

6.

( , 2017)

HESI:

HESI

1.

3.2

HESI:

$$\begin{pmatrix} ' \\ ( \end{pmatrix} \begin{pmatrix} ) \\ ( \end{pmatrix} \cdot$$

( 30 / )

233). - : ; VST). : VitalBook (2- , . (2007). " : VitalBook (3- , . 957). :

1. 3.5.

2.

a.

1)

2)

3)

2.

a.

3.

1)

2)

3)

( )

1/

3,

3,

2-

1-

1.

( ),

(

),

2.

( ),

(

).

3.

4.

5.

( 3.6).

6.

30 / ( 0,5 / /  
70 )  
30

7. 7.

( 3.7).

8.

9.

),

10.

( ).

11.

12.

, BUN,

( ), ( )

( )

a.

/

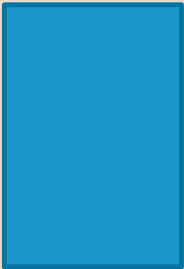

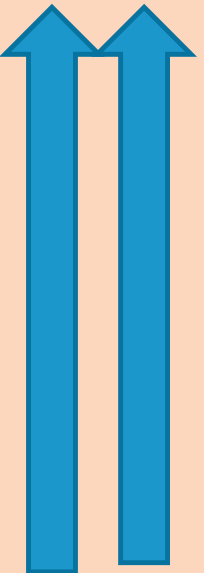
5-15

( )

((



3.5

	< 90 . . .	< 90 . . .	< 90 . . .	< 90 . . .	< 90 . . .		
	> 100	> 100 <60	<60	>100			
	,			,	JVD		
	( )	( )	( )	Вначале увеличение СВ,но затем снижение сократительной функции → Снижение сердечного выброса	( )		
	>24			24 ( ) <10 ( )			
	,		,	,			
/		,		-			

( )

1/4      ×      100      1/4      p 2 (      )/3      (      )  
 ,      (      ,      ) ×  
 ;      /      2      6      .      .

10%

( )

24

$$\frac{300}{200}$$
$$(\quad):$$

5% : 25%

500 25 /100

10-20 /

VIII

/

( ).

5

19-

15-30

( )

( )

( )

,

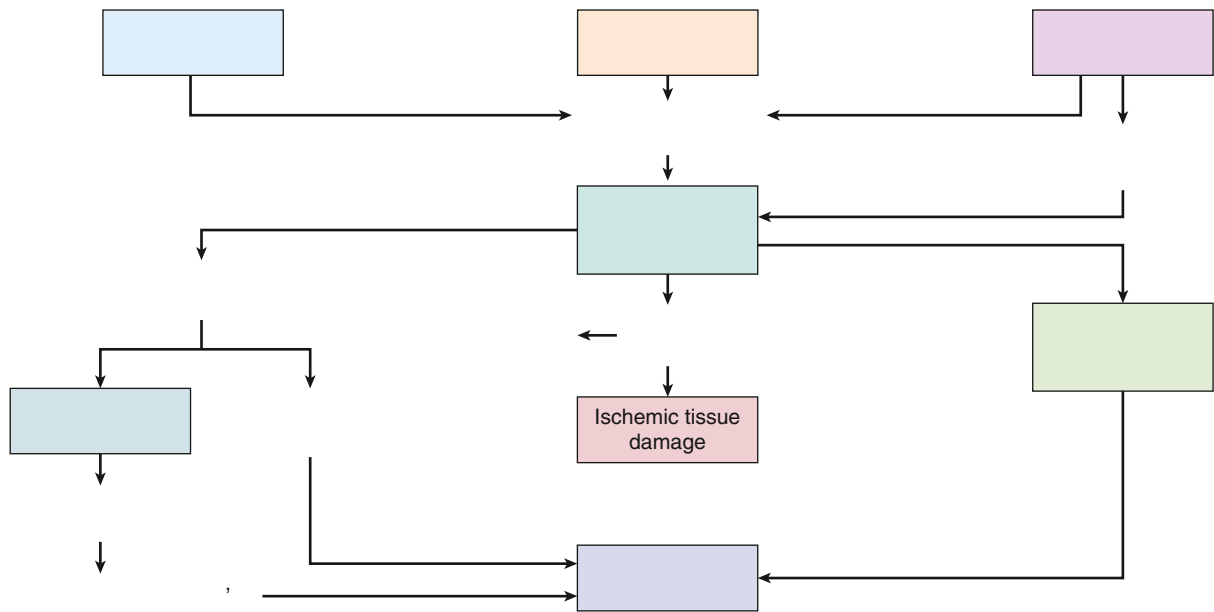
9

• ;

1

•





3.2

[2020].

.

[8-

1. ;
  2. ;
  3. ;
  4. ;
  5. ;
  6. ( ),
  7. ;
  8. ;
  9. ;
  10. ;
  11. ;
  12. ?
  13. ;
  14. ?
  15. ;
- HESI:
- NGN-NCLEX-RN
- (., 2018).
- #9

1. ?
2. ?
3. ?
4. ?

( ) , -  
 “ A. - /  
 , 1,5

1.  
 2.  
 3.

1.

2.

3.

4.

5.

1.

2.

3.

4.

ESC 2020

HESI:	?
	NGN-NCLEX-RN.
• 24	
• 36	
• 17	
• 40	

A.

1.

a. .

2.

3.

9-1-1)

HESI:

(BLS)

AHA

CPR.

HESI

(BLS)

“ ” ( . 6)

( ).

10

( ).





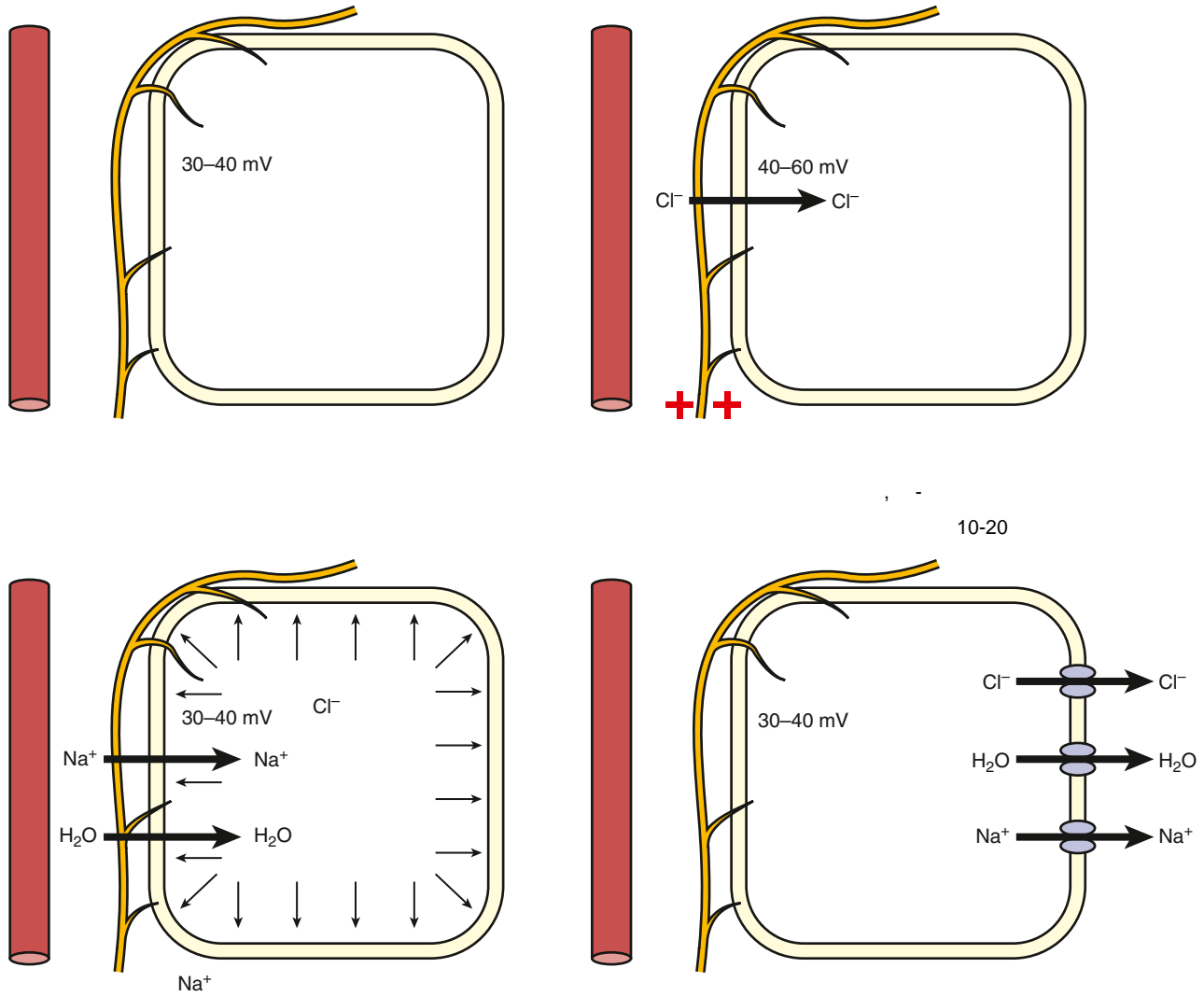
1. 3.8.

[illegible]

A.

1. -  
.  
, .
2. 5,2-6  
1-2 (30 / ).





3.3

[http://commons.wikimedia.org/wiki/File:Cell\\_electrolytes.png](http://commons.wikimedia.org/wiki/File:Cell_electrolytes.png)

: CC BY:

.)

3.

pH,

4.

10°C 25%  
20

5.

( ) ( 3.4).

1.

1.

O<sub>2</sub> CO<sub>2</sub> CO<sub>2</sub>

2.

2.

35°C 75%

1.

7 / .

( )

(



),  
1. ( ),  
1.

3.9

3.9		
(↓ Na)		( )).
D5W		
(↑ Na)	<135 /	(Na)
		Na
(↓ K)	>145 /	(K)
		( )).
(↑ K)	<3.5 /	( )
		50%
		( yexalate).
(↓ Ca)	>5.0 /	(Ca)
		Ca 30
		Ca ( )
	<8.5 /	

The diagram illustrates the relationship between various water quality parameters and their effects on fish. The parameters are listed on the left, and their effects are listed on the right. The parameters are: (↑ Ca), (↓ Mg), (↑ Mg), (↓ pH), and (↑ pH). The effects are: Ca > 10.5, Mg < 1.5, Mg > 2.5, pH < 2.0, and pH > 4.5. The diagram is a flowchart with arrows indicating the direction of the relationship.

Parameter	Effect
(↑ Ca)	Ca > 10.5
(↓ Mg)	Mg < 1.5
(↑ Mg)	Mg > 2.5
(↓ pH)	pH < 2.0
(↑ pH)	pH > 4.5

### 3.9.

HESI:

$$(3.10).$$

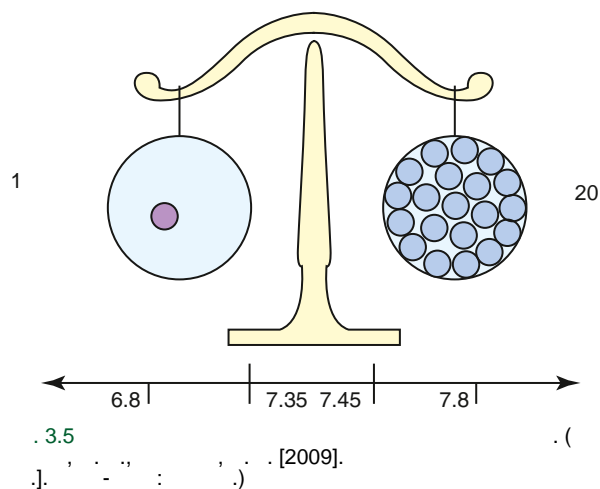
- 1.
- 2.

[illegible]





3.15	/	/	/
	X	X	
	X	X	
	X	X	
	X	X	
	X	X	
	X	X	
	X	X	
	X	X	



3.16
pH
7.35
7.45
↓
↑
↓
↑
PCO <sub>2</sub> (mm Hg)
35–45
↑
↓
HCO <sub>3</sub> (mEq/L)
21–28
↓
↑

(HCO<sub>3</sub>-H<sub>2</sub>CO<sub>3</sub>).

(NaHCO<sub>3</sub>) HCl, NaCl

NaOH,

NaHCO<sub>3</sub> + HCl → H<sub>2</sub>CO<sub>3</sub> + NaCl ( )

+ ( ) → ( ) + ( ) H<sub>2</sub>CO<sub>3</sub>

+ NaOH → HCO<sub>3</sub><sup>-</sup> + H<sub>2</sub>O ( ) + ( )

→ ( ) + ( )

1. 20

CO<sub>2</sub>

2. CO<sub>2</sub>

CO<sub>2</sub>

A. CO<sub>2</sub>

( ) (CO<sub>2</sub>)

+ H<sub>2</sub>O = H<sub>2</sub>CO<sub>3</sub>).

CO<sub>2</sub>

CO<sub>2</sub>





( )

(., 2020).

HESI:

A. pH

.  $P_{CO_2}$ .  $HCO_3$ 

6.

A. pH 7.50,  $P_{CO_2}$  30,  $HCO_3$  28. pH 7.30,  $P_{CO_2}$  42,  $HCO_3$  20. pH 7.48,  $P_{CO_2}$  42,  $HCO_3$  32. pH 7.29,  $P_{CO_2}$  55,  $HCO_3$  28

1.

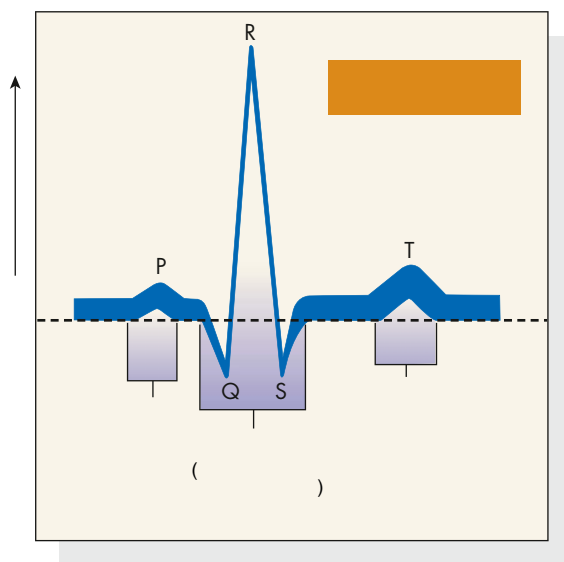
2.

3.

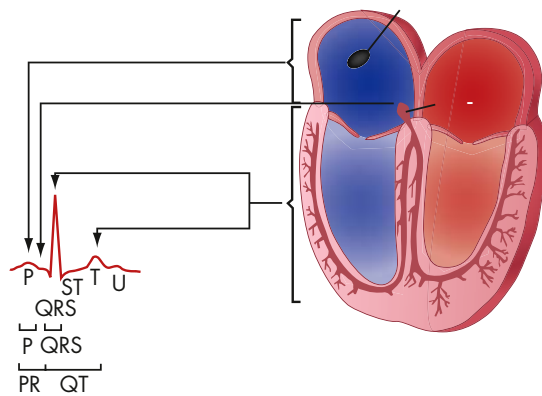
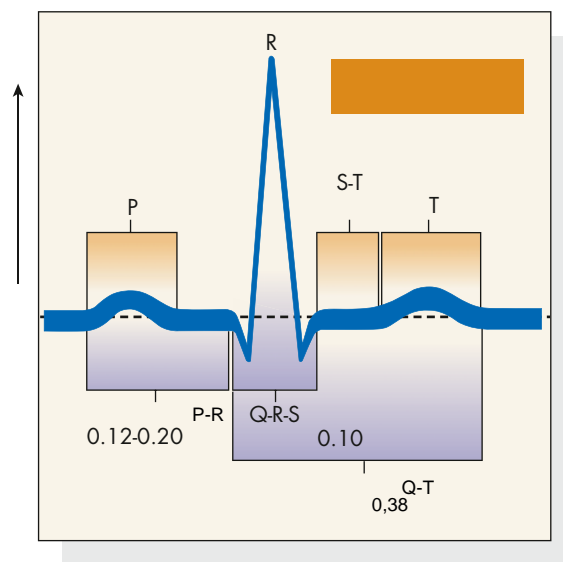
4.

5.

( .3.6).



A



. 3.6

( )

( )

. (., 2020).

[10-

.].

.)

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

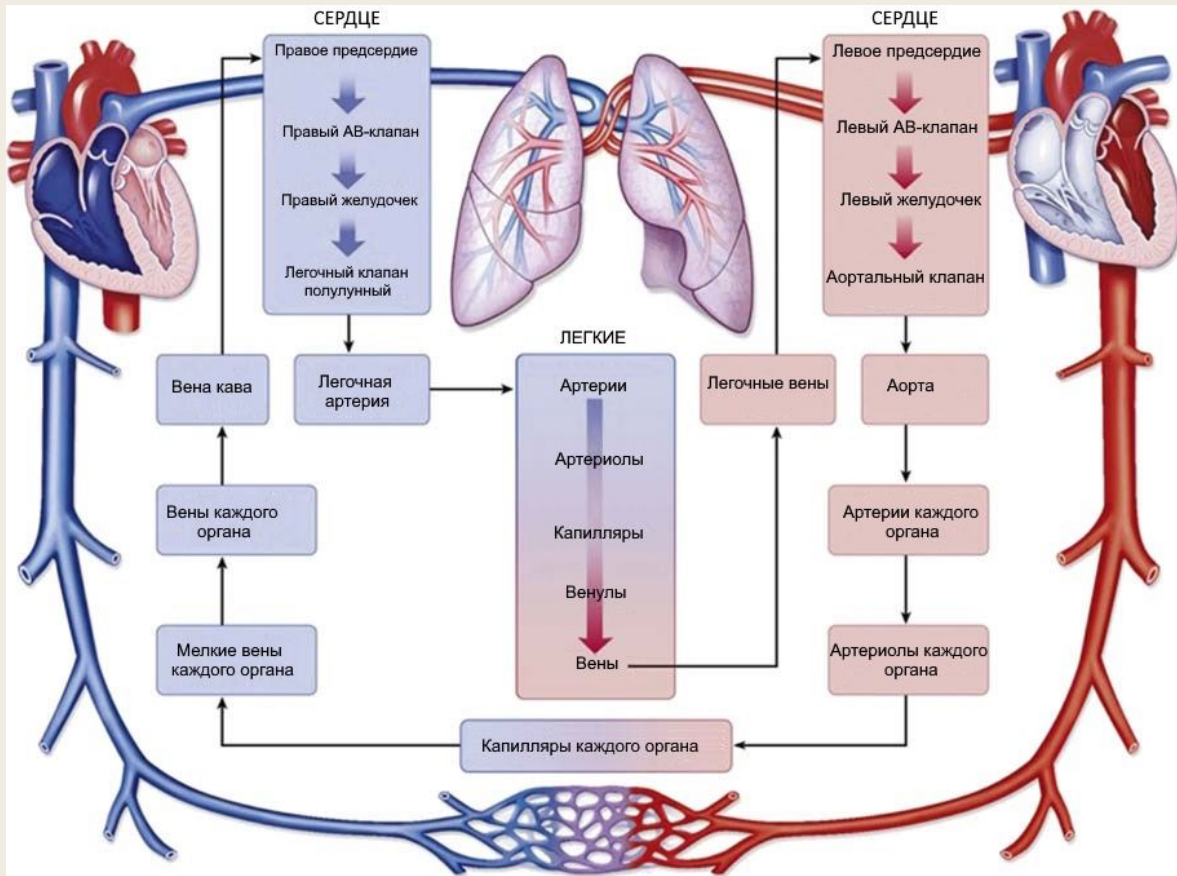
,

,

,

,

- HESI:



( , . . [2022].

[11- .] - :

/ ( ) /

( ) / ( ) /

( ) / ( ) /

, :

( )

( )

( )

( )

12-

1.

2.

( ) ,

1.

2.

3.

( . 3.7).

1.

0,04

2.

0,20

(0,04

1

 $\times 5$ ).

6

( 3.5):

a.

6

RR 30

10,  
1

(R -

. 3.8,

3.5)

P- , Q- , R- , S-

T- U-

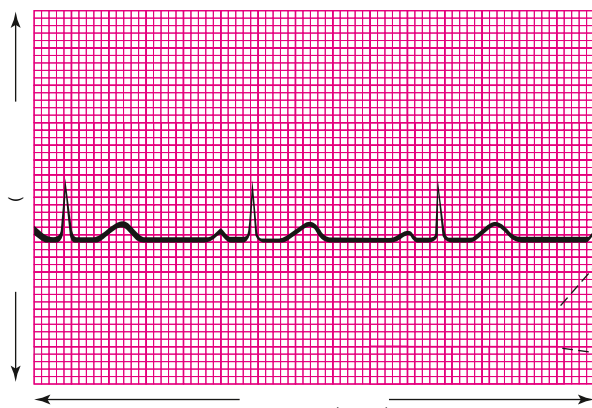
1. P-

a.

2. QRS-

a.

P-



( . 3.7 )

( : ) . (

( ) .

, . . , &amp;

[2020].  
[10- .].

c.

QRS

QRS (

&lt;0,12 ).

d. T-

1.

2.

QRS-

3.

HESI:

T

3.

ST

a.

S

T.

4.

PR

a.

( )  
( )

P

QRS.

( 0,12-0,20 ) .

5.

U

a.

6.

QT

a.

QRS

T.

7.

RR

a.

QRS

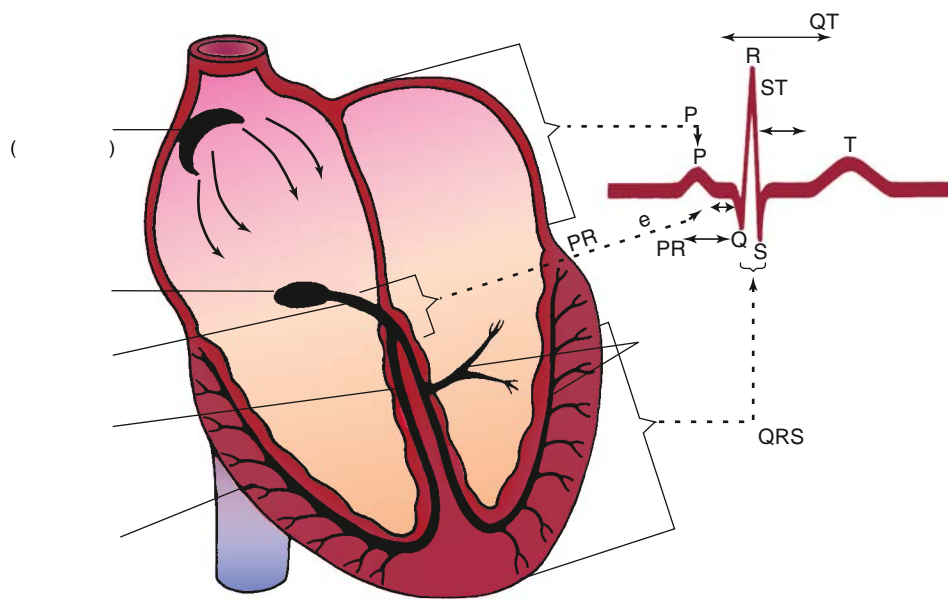
QRS.

3.5



1. QRS, 1500
2. QRS, 300
3. RR 3 6 10.
4. R- ) 300, 1 300 QRS ( R- QRS, 0,2,
5. : 300, 150, 100, 75, 60, 50, 43, 37, 33, 30. QRS. QRS,
6. \*\*75 / ( QRS), \*\*75 / \*\*. 300,

(7-). (2007). (2013). (8-). (7-).



3.8 : ( , . , & , . [2020]. [10-]. )

HESI:

HESI:

1.

2.

3.

4.

5.

6.

7.

8.

U

?

PQ?

?

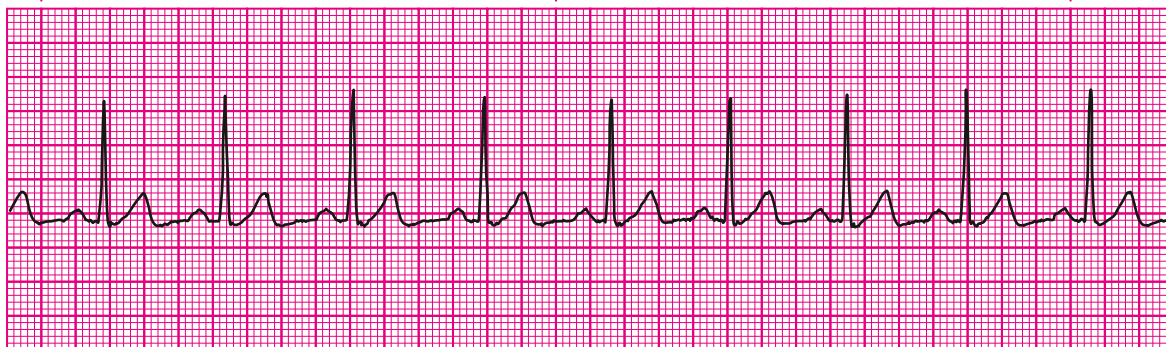
?

3.6)

- (
- A.
- 1.
  - 2.
  - 3.

(NPO)

(NG)



[7- " ]

(2013).



- 3.22

The scatter plot displays the relationship between the number of children in a household (X-axis) and the number of children in a household (Y-axis). The X-axis ranges from 0 to 14, and the Y-axis ranges from 0 to 14. Data points are plotted for various household sizes, with labels indicating the number of children in the household. The plot shows a positive correlation between the number of children in a household and the number of children in a household.

Number of Children in Household (X)	Number of Children in Household (Y)
1	2
2	1
2	4
2	5
2	8
2	12
5	6
5	8
6	14
8	8
8	12
12	8
12	12

8.

9.

SBAR\*:

HESI:

4.

?

5.

?

6.

7.

8.

9.

10.

11.

?

HESI:

NGN-NCLEX-RN

: 43-

?

HESI:

NGN-NCLEX-RN

(SBAR)

(SBAR)

( ).

(CDC),

1,2

2018

14%, 1

7,

( ) ( 3.5).

(PrEP) (PEP).

CD4-

CD4-

CD4+ T-

CD4+ T-

CD4

T-

CD4+ T-

CD4 T-

CD4

200

/ 3,

1.

2.

3.

?

?

\* SBAR

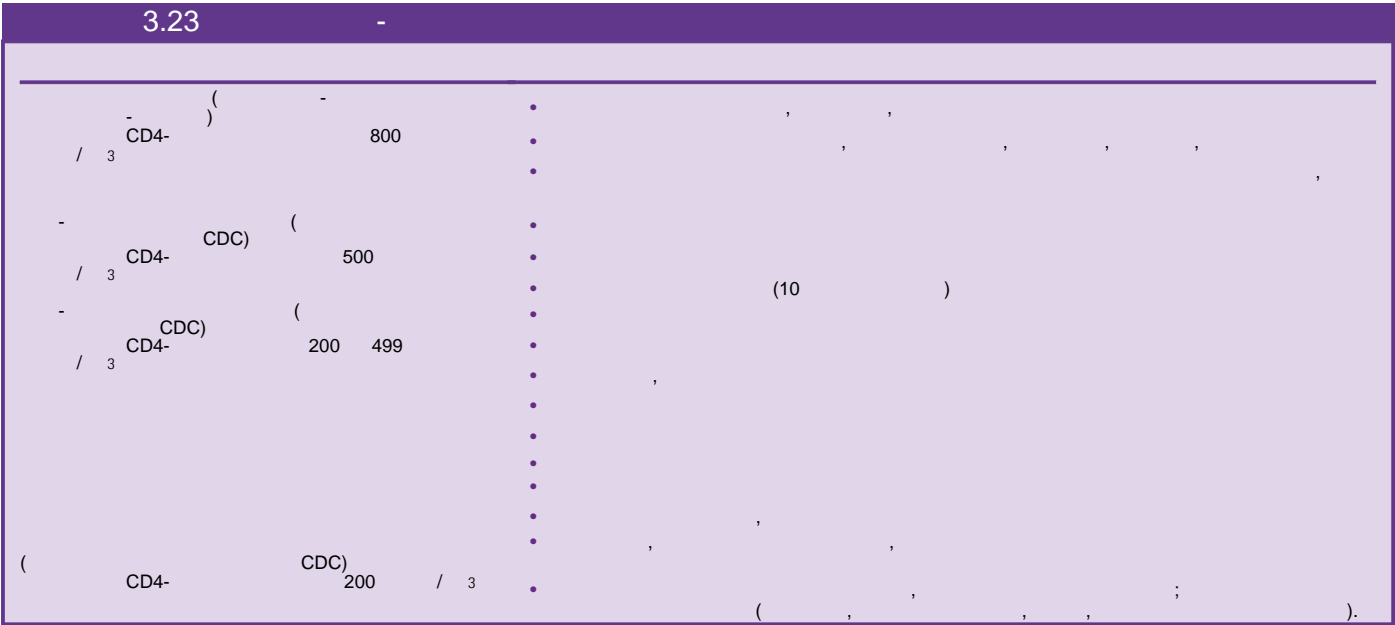
( - - )

( ), =

( ), = / ( ), =

( / ), = ).





CDC, ; , .

CD4- 500 1200 / 3 ( ).

(0.64  $1.18 \times 10^9$  / ).

(Diao et al., 2020).

3.23), ( Toxoplasma gondii,

/

( ).

/

( ).

( ).

( ).

( ),

10

000 ( , HIV.Gov 2020).

8-10

B C.

( 3.23),

1. ( ).

2.

3.

4.

5. ( ).

( 72 ).

(TasP).

2-4

TasP

(CDC)

(PEP),

CDC -

<https://www.cdc.gov/hiv/statistics/overview/index.html>

( ) -

10-33

18-45

(18-90 ).

23

90

(PrEP).

( ) ( )

PrEP

90%

CDC, 200 / 14% CD4+ - CD4+ - 70%, CDC Prevention.

100 000

1

A.

(CDC),

13 64

1.

2.

CDC

<https://www.cdc.gov/hiv/guidelines/testing.html>

3.

HESI:

( ). 3.8

: CDC.

[https://www.cdc.gov/hiv/basics/ whatishiv.html](https://www.cdc.gov/hiv/basics/whatishiv.html)

HESI:

HESI:

( )

, CDC, 2021

1.

2.

5

3.

4.

5.

6.

7.

8.

9.

2

10.

3

11.

12.

13.

HESI:

3.24.

«

»:

<https://www.cdc.gov/hiv/basics/whatishiv.html>

3.7.

3.24

)

(

,

13 64

( . )

).

(

( )

).

(

;

<https://www.cdc.gov/hiv/guidelines/testing.html>.

3.7	-	?
1:	-	CD4
2:	-	200 / CD4
3:	-	

(CDC).  
<https://www.cdc.gov/hiv/basics/whatishiv.html>.

### BOX 3.8 Benefits of Routine Screening for HIV

Diagnosing human immunodeficiency virus (HIV) quickly and linking people to treatment immediately are crucial to achieving further reduction in new HIV infections.

Primary care providers (PCPs) are the front line for detecting and preventing the spread of HIV. The Centers for Disease Control and Prevention (CDC) is asking PCPs to:

- Conduct routine HIV screening at least once for all their patients
- Conduct more frequent screenings for patients at greater risk for HIV
- Link all patients who test positive for HIV to medical treatment, care, and prevention services

(CDC).

<https://www.cdc.gov/hiv/clinicians/screening/benefits.html>.

A.

( ).

( 3.25)

FDA: <https://hivinfo.nih.gov/understanding-hiv/fact-sheets/fda-approved-hiv-medicines>

HESI:

( ).

25-30%,

2% ( , 2019 ).

80% - 6 6 6

1%.

3.25

3.26

، 30%  
، 15-20%

( ، 2020 .؛ ، 2008 .).  
( 4-6 )  
4-6

( ، 2020 .).

- 1.
- 2.

- 1.
- 2.
- 3.

1. ?
- 2.
3. ?
4. CD4- ? ?
5. CD4- ?
6. ?

2016

(AMA)

( ، 2016 ).

(OBAS).

- 1.
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

1. a. ( ) 30  
6

HESI:

18

2, 4 16

HESI:

NGN-NCLEX-RN



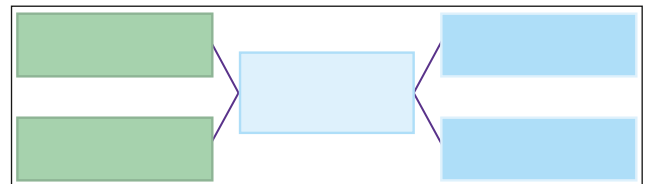
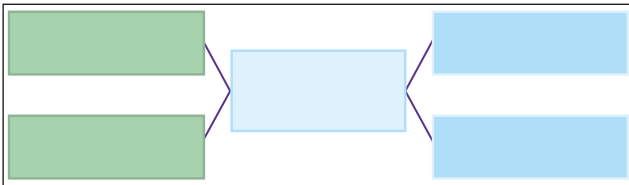






Next Generation NCLEX:

2



+		
-		
/		
*		

3		
		-
/		
		4 .

<http://evolve.elsevier.com/HESI/RN>,  
HESI.

(2020). : <https://cpr.heart.org/en/resuscitation-science/cpr-and-ecc-guidelines/algorithms>. (2016). AMA <https://www.painnewsnetwork.org/stories/2016/6/16/ama-drops-pain-ass-vital-sign> (6 2021). ( . ). 26.4 - . <https://open.oregonstate.edu/aandp/chapter/26-4-acid-base-balance/> (12 2021). (CDC). ( . ). 7: <https://www.cdc.gov/tb/education/corecurr/pdf/chapter7.pdf> (12 2021). (2021, 24). <https://www.cdc.gov/hiv/statistics/overview/index.html> (12 2021). (2021, 15). <https://www.cdc.gov/hiv/clinicians/screening/benefits.html> (12 2021). (2021, 1). <https://www.cdc.gov/hiv/basics/statistics.html> (12 2021). ESC. (2021). 2020 ST. 42(14), 1289-1367. <https://doi.org/10.1093/eurheartj/ehaa575>. <https://cpr.heart.org/en/resources/what-is-cpr> (12 2021). (2021, 25). StatPearls. <https://www.ncbi.nlm.nih.gov/books/NBK568726/> (12 2021). (2020). 2019 (COVID-19). *Frontiers in Immunology*, 11, 827. <https://doi.org/10.3389/fimmu.2020.00827>. (2021). Scribd. <https://www.scribd.com/document/483466837/Definition-classification-etiology-and-pathophysiology-of-shock-in-adults> UpToDate (12 2021). (2021). (2013). 14(2), 64e69. HIV.gov. (2021, 8). <https://www.hiv.gov/hiv-basics/hiv-testing/learn-about-hiv-testing/hiv-testing-overview> (12 2021). (2021). (10-). (2021, 19). <https://emedicine.medscape.com/article/199627-treatment> (12 2021).

(2021, 3). Nurseslabs. <https://nurseslabs.com/deficient-fluid-volume/> (12 2021). (2020). 1: : 2020. S337eS357. <https://doi.org/10.1161/CIR.0000000000000918>. (2017). 6, 14e39. <https://doi.org/10.5455/nmj.000000120>. <https://www.mountsinai.org/health-library/tests/t-cell-count> (12 2021). (2019). 38(6), 611e616. <https://doi.org/10.1097/INF.0000000000002290>. (2018). / 24(9), 8Se28S. <https://doi.org/10.1177/1076029618806424>. (2020). <https://emedicine.medscape.com/article/1385488-overview#a2> (6 2021). Zazen. <https://zazenalkalinewater.com.au/blogs/water-101/boost-your-immune-system> (12 2021). (2008). 112(1), 159e163 [Medline]. (2020). <https://www.ncbi.nlm.nih.gov/books/NBK304129/> (6 2021). (2014). 18(10), 659. (2020, 13). <https://med.libretexts.org/@go/page/8178>. (2021). 4: 2020. 147(1), e202003850. <https://doi.org/10.1542/peds.2020-03850D>.

( . . ). , FDA. , . , & , . . (2020).  
<https://hivinfo.nih.gov/understanding-hiv/fact-sheets/fda-approved-hiv-medicines> ( 12 2021).  
 , . , & , . . (2014). , 80(4), 339e342. . PMID 22714078.  
<https://doi.org/10.1542/pir.35-11-476>, 35(11), 476e486.



75

/

HESI:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

HESI:

/

HESI:

1.

2.

... ; ... : ... ,  
... ; ... : ...

3.

...  
... : «

4.

... / ...  
...  
... :  
...

1.

...  
...

2.

... / ...

3.

...  
...

... :  
...

1.

...  
...

2.

... / ...

3.

... :  
...

1.

...  
...

2.

... / ...

2021).

«

FICA:

... FICA - ( ... , 2013, ...  
... :  
... ? »  
... ?  
... : «  
... ? »  
... :  
... ?  
... ?  
... / ... ?  
... :  
... ?  
... ( ... , ...  
... ), ... ?

HESI:

HESI:

- 
- 
- 
- 
- 
- 
- 
-



« ( [IOM]) » .

( , 2020).

( , 2021).

(EMDR),

4.1 ( , 2020).

( , 2021).

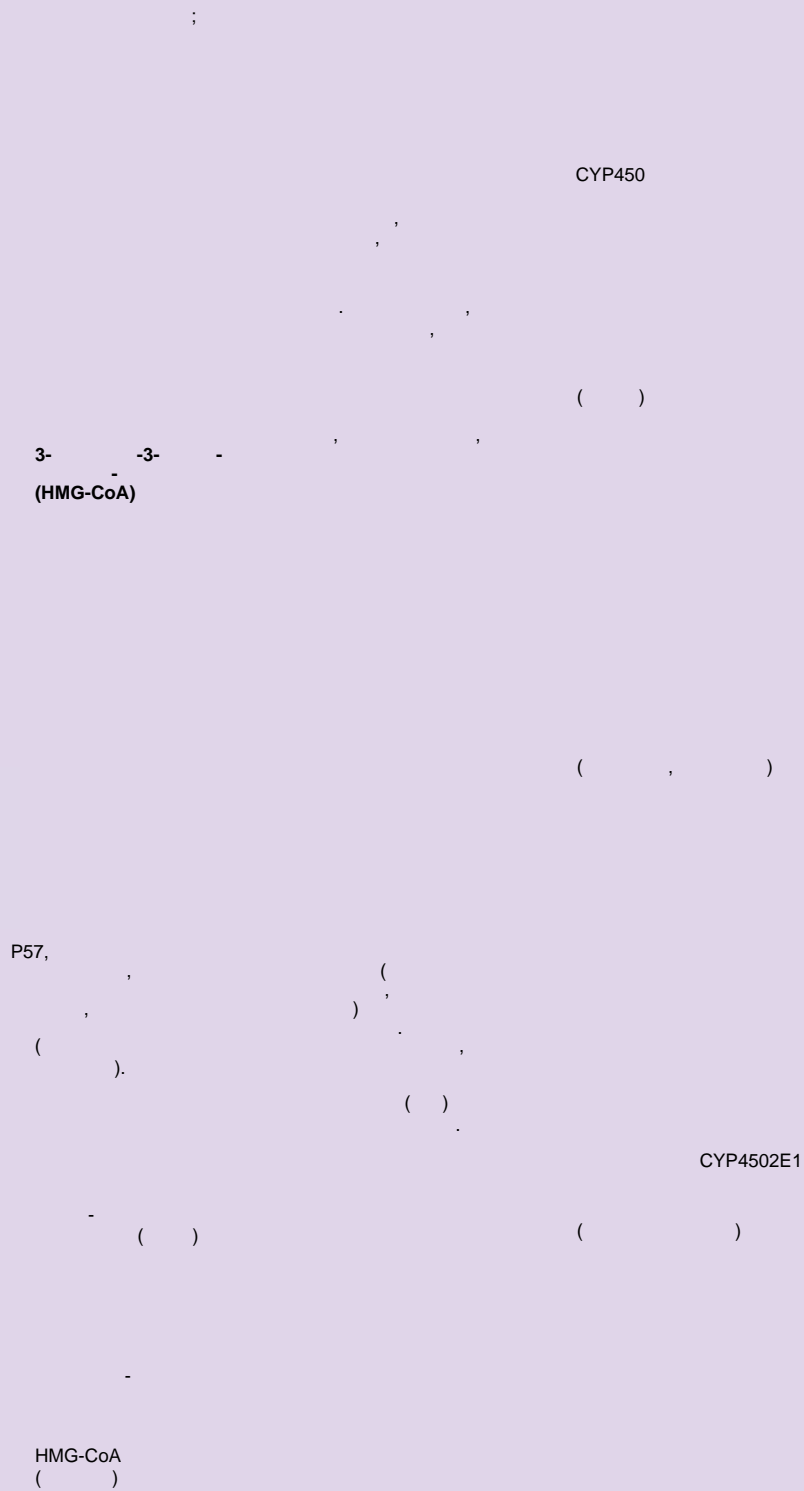
Forbes («  
2020).

**4.1**

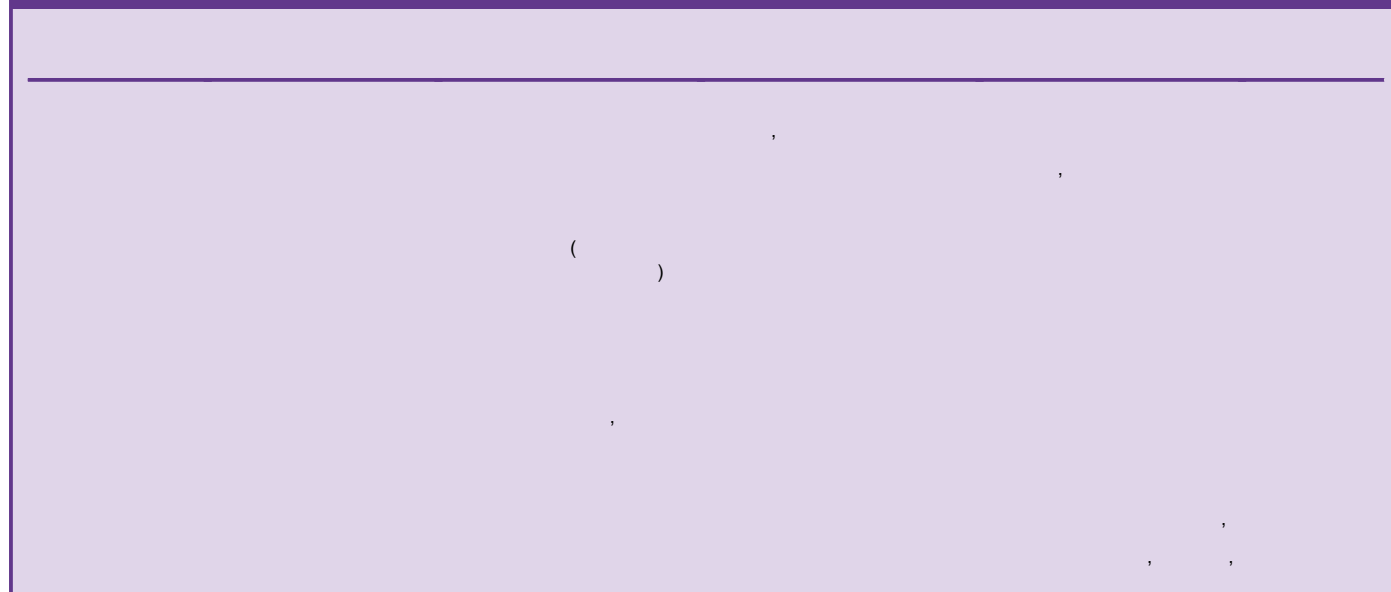
.( ( , . [2021].

1. ( , )
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

## 4.1



## 4.1



(2- ...). (2003).

( ... )

- 1.
- 2.
- 3.
- 4.
- 5.

1. ... « » « » « », ...  
« » « »

2. ...  
«99».

>95%) ( 2) ( ... >90%,

HESI:

HESI:



1. ... ( ... )
2. ... )
3. ... ( ... )
4. ...

( ... - 16-20 ;

[Pco<sub>2</sub>] - 80 ... [Po<sub>2</sub>] - 45 ...

( )

( 95%).

( , ,  
).

:

( . 4.3).

( ),

HESI:

( . 4.2).

("flu").

2-3

HESI:

HESI:

1.

2.

( 2)

( ),

( ),

( 2)

( <sup>2</sup>/<sub>3</sub>),

3.

2,

2

4.

5.

2.

HESI:

- ,
- 
- , 300-400

HESI:

HESI:

- : 65 ;  
( , [CDC]); ( ,  
);
- ;
- 30 ; 1 ;
- ;

( , )

( )  
(«

»)

( )

CO<sub>2</sub>  
O<sub>2</sub>,  
(<90% 92%)

1.

2.

3.

HESI:

[illegible]

[illegible]

Staphylococcus aureus;

4.3 ( )

2 3 ( - )

( )

/

« »

$P_{O_2}$  55 60  $P_{O_2}$  55 60

HESI:

	7.35—7.45	7.36—7.44
$P_{CO_2}$	35—45	
$P_{O_2}$	80—100	
$HCO_3^-$	21—28	/

( ; )

HESI:

HESI:

(>3 )

HESI:

1. : , ( ).
  2. : ( ; . 4.2).
  - 1-2 ( . 4.4).
  - 1.
  - 2.
  - 3.
  - 4.
- C.
- ( , ). ( 3 ) , ( ) , ( . 4.5).



A



. 4.2

. (A)

. (B)

D. D., &amp; Workman, M. L. [2013].

30  
 Ignatavicius,  
 [7- .], - :

HESI:

HESI:

CAB.



## 4.4

( )

- 10-15
- 100%
- 1-2
- 4
- ( )\*
- <40%
- (60%e90%)
- C-PAP\*\* Bi-PAP
- >90%, 95%
- 4 4
- 1 ( )

HESI:

!

HESI:

NCLEX-RN,

4 /

1-4 /

- 1.
- 2.
- 3.
- 4.
- 5.

2 ( )

55 70

( )

( - )

( )

HESI:

( )

( )

1.

2.

3.

## 4.5

<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>40</p>
<p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	
<p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	
<p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>12</p> <p>24</p>
<p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>•</p> <p>(                      )</p>	<p>4</p>

- 

2. \_\_\_\_\_ ,
3. \_\_\_\_\_
4. \_\_\_\_\_ 2-4 \_\_\_\_\_
5. \_\_\_\_\_
6. \_\_\_\_\_
7. \_\_\_\_\_ 2-4 \_\_\_\_\_

HESI:

8.

9.

10.

11.

HESI:

HESI:

HESI:

HESI:

(

).

:

(

).

1.

2.

3.

4.

5.

6.

7.

8.

M. tuberculosis

HESI:

)-

(

(

),

48-72

10

Gold.

5

CDC,

QuantiFERON-TB  
(NAA),

1.

9-12

2.

3.

(

4.6).

80

90%

50

60

## 4.6

[illegible]



HESI:  
NCLEX-RN

( ' ).

;

,

,

,

.

1. « » . ( . )

2.

3.

»

. ( . «

4.

.

1.

2.

3.

4.

,

.

1. ?  
2. ?  
3. ?  
4. ?  
5. ?  
6. , ?  
7. ?

8.

,

?

9.

?

10.

,

?

11.

?

12.

13.

?

? .

3.

:

70-80%

.

HESI:

-

,

,

,

-

.

HESI:

1

2000

1500

( ) -

,

( . 4.7).

1. : 0,5 / /

400

2. : 400

.

,

,

(

,

,

)

.

,

)

(

,

.

.

.

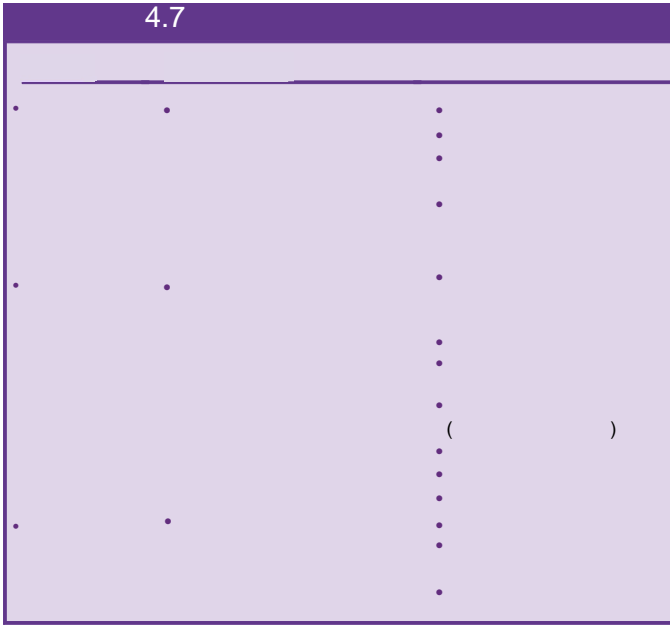
.

,

,

,

4.7



HESI:

( NCLEX-RN).

- 1.
2. ( )
3. ( )
4. ( )
5. ( )
6. (>1,020 / )

1. ( )
2. ( )
3. ( )
4. (<1,020 / )

HESI:

( )

10

HESI:

( ),

600

24

0,5

(0,6-2 / / )

5 /

( ). ( ),

HESI:

HESI:

(3,5-5,0  
(

( ).

HESI:

( )

:

:

,

( )

HESI:

1. ,
2. ,
3. ,
4. ( 100 400 )
5. ( 100 )

HESI:

1. ,
2. ( )
3. ,
4. ( )

( 4.8)

HESI:

- Medicare ( )
- Medicare Medicare
- Medicare ;

1. ,
2. ,
3. ,
4. ,
5. ,

HESI:

1. ,
2. ,
3. ,
4. ,
5. ,

1. ,
2. ( )
3. !
4. ( ,

500-600

1. ,
2. ; ,
3. ( )
4. ( - ; 4.9)
5. ( 4.10)

1. ,
2. ,
3. ,

( 4.10)

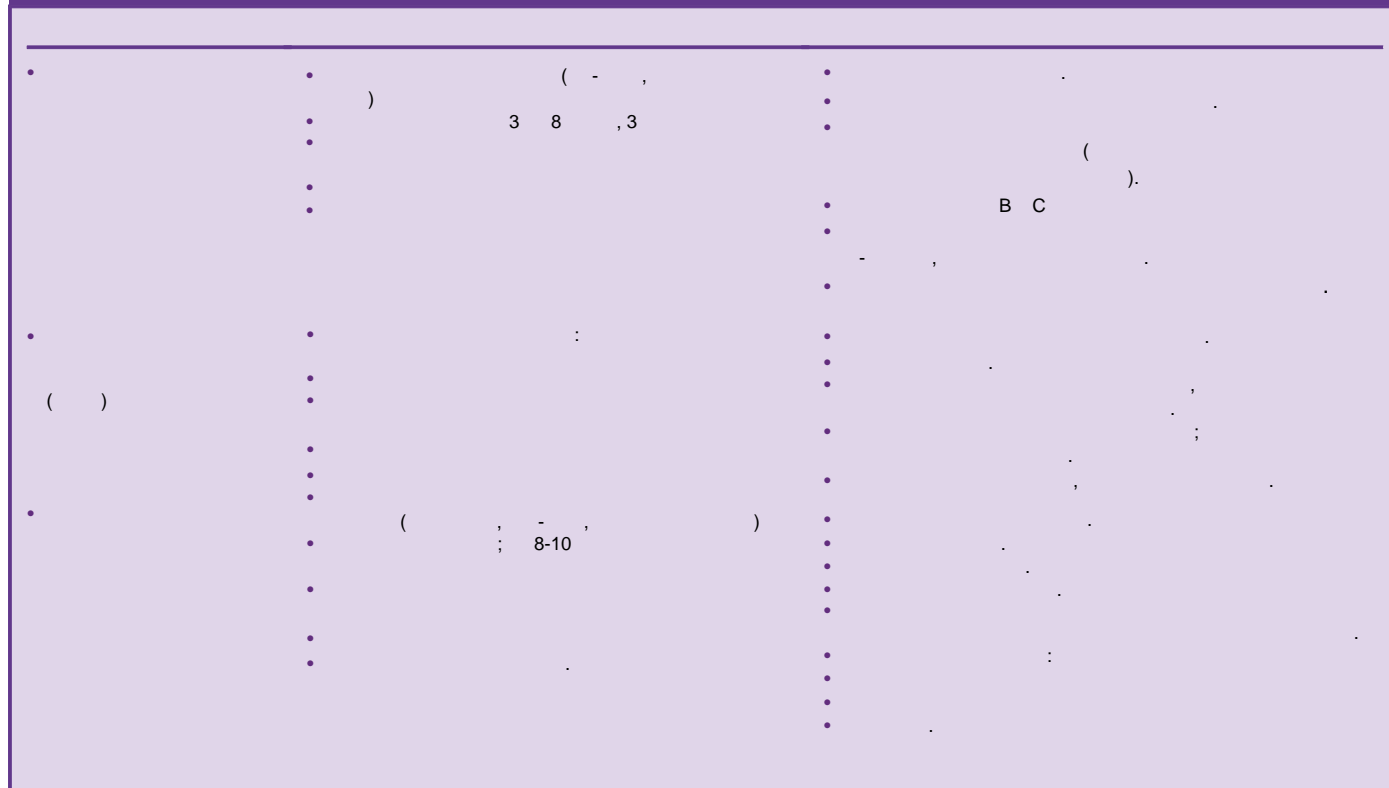
1. ,
2. ,
3. ,
4. ( - , -
5. , )

1. ,
2. (Escherichia coli).
3. ( ) :

1. ,
2. ,
3. ,
4. ,
5. ,
6. ,
7. ( )

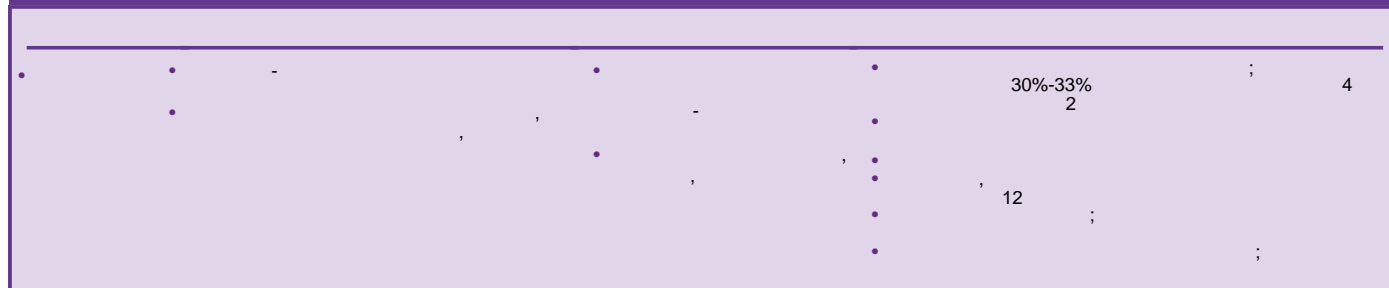


## 4.8



## 4.9

:



1.

2.

3.

4.

( ' )

(&gt;10 000)

( [ ],  
2-3

4.10

:

•	•	" "	•	
	•	,		,
	•			,
•	•		•	
	•	(	•	
	•	).	•	
	•	(		
	•	).		
•	•		•	
			•	
•	•		•	

24-48

3.

4.

( )

1.

2.

HESI:

1.

2. 3 ( , );

3.

4.

5. ( ).

6.

7.

8. ( ).

9.

10.

2-3

1.

2.

1.

2.

3.

HESI:

•

•

•

1.

2.

3.

4.

1. ( )

2.

•

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

2

,

•

,

2

2

!

;

9

•

- 1.
- 2.
- 3.
- 4.

- 1.
- 2.
- 3.
- 4.

- 1.
- 2.
- 3.
- 4.

HESI:

•

•

,

$$(\quad),$$

- 1.
- 2.
- 3.
- 4.

- 3-4

0

,

) (

1. 12-14

2. 3-4

3. 3-4

4.

7.

8.

9.

10.

7.

?

8.

?

9.

,

?

10.

,,

?

4. , ,
5. /
1. , ,
2. ,
3. ,
4. ,
5. ,
1. : ,
2. ST' T
3. ST - :
4. ( )
5. :
1. : > ,
2. :
- 300
- ( / : )
- 200 / ( ) , «
- »: (<100 /
- 50% ).
- ( ) ,
- « »: (>60 /
- ).
1. ,
2. ,
3. ,
4. ,
5. ,
6. ,
7. ,
8. ,
1. ,
2. ,
3. ,

4. 5
5. ( . 4.11).
1. ,
2. ,
3. ,
- ( ) , ( . 4.12).
1. ( ) , ( ) .
2. :
3. ( )
4. ,
5. ( )
- ( ) -
1. ( )
2. / ,
- a. ,
3. ,
4. /
5. ,
6. ,
7. (
8. ), , (
1. ,
2. ,
3. ,

## 4.11

/

( )

1

2

			, 90/80
90%		( « ' - » ,	.
1.	-	72	2
2.	/ ( - ).	( 4.13)	,
a.	3-12	HESI:	
3.	24 2-3	1.	
a.	3-12	T (cTnT) I (cTnI)	
	10-24	5-14	

- Treat type IIA hyperlipidemia (hypercholesterolemia) when dietary changes fail

- Treat type IIA hyperlipidemia (hypercholesterolemia) when dietary changes fail

, D,

6

1

( )

6

( ).

( ) :  
3—6

30

- ( ): tuple

## /

CK-MB (

)

4.8

1-4 (

1

12-24

12

10-24

48-72

24 h

5-14

2.

(4.11):

$$(\quad, \quad)$$

2-6

) (

$$).$$

(

12

HESI

):

1.

1-4

2.

12

(

4.14)

3.

4.

HESI HINT:

MONA:

HESI HINT:

1.

2.

10

4.14

10

( 3—7 );



1. ( , .)
2. ( , )
3. ( , )

1. ( , )

1. ,
2. ,
3. ,
4. ,

5.

- 1.
- 2.
3. , ( )
4. ,
- 5.
- 6.

1. ( )
2. ( )

1. , ( )

2. , ( )

3. , ( )

4. , ( )

5. , ( )

6. , ( )

HESI:

1. ,

a.

2.

a.

( 4.15 4.16)

HESI:

90-120

( ) 90-120

- 1.
- 2.
- 3.
- 4.

( 4.16).

- 1.
- 2.

( )

( )

(95%)

2. ( )

1.

( , )

)

(

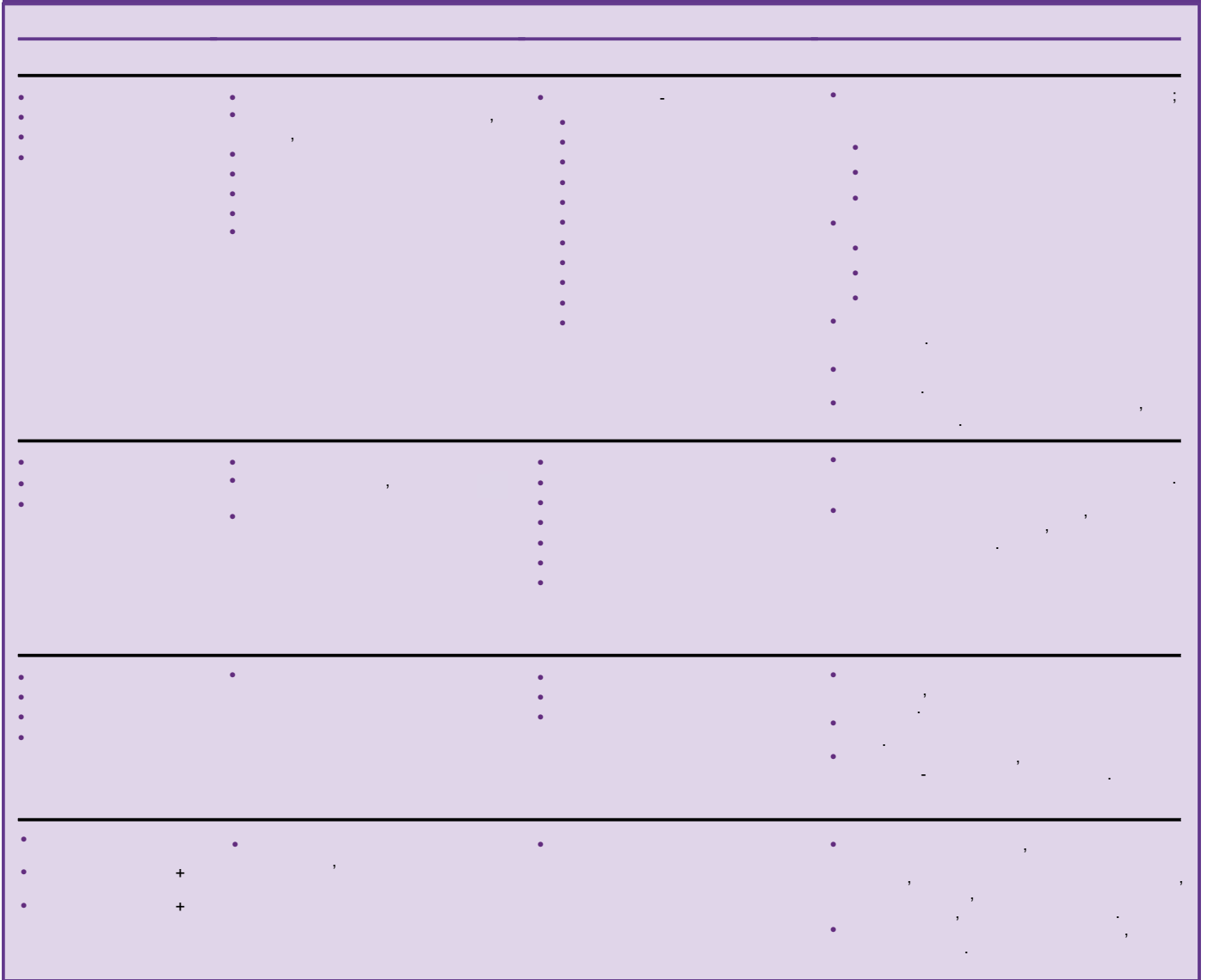
)

( / )

2.

1.

4.15



A , - , ; , .

1. .
2. .

1. .
2. .

2.

1. .
2. .

1.

2.

1.

2.

1.

2.

—

/ -

—

—

11

11

( )

( )

3

11

1



2.

( ).

1.

a.

;

2.

;

2.

a.

( , )

1.

2.

3.

( ) ,

1.

;

4.14)

2.

;

4.14)

( 4.17)

1.

2.

3.

4.

5.

6.

(

HESI:

1.

).







HESI:

5

( . 4.17).

HESI:

1,5-2,5

( )

1,5-2,5

( 2-3 ):

( , )

1. ,
2. .
3. ,
4. ,
5. .
6. ( )
7. ,
8. .
9. .
10. ,
11. .
12. ( ).
13. ,
14. ,

15. ; ,
16. !
17. (
18. ).
19. ( ).

HESI:

1. ( )
2. -
3. ,
4. -
5. ,
6. ,
7. ,
8. ,
9. ,
10. ,
11. ,
12. ,
13. ,
14. ,
15. ,
16. ,
17. ,
18. ,
19. ,
20. ,
21. ,
22. ,
23. ,
24. ,
25. ,
26. ,
27. ,
28. ,
29. ,
30. ,
31. ,
32. ,
33. ,
34. ,
35. ,
36. ,
37. ,
38. ,
39. ,
40. ,
41. ,
42. ,
43. ,
44. ,
45. ,
46. ,
47. ,
48. ,
49. ,
50. ,
51. ,
52. ,
53. ,
54. ,
55. ,
56. ,
57. ,
58. ,
59. ,
60. ,
61. ,
62. ,
63. ,
64. ,
65. ,
66. ,
67. ,
68. ,
69. ,
70. ,
71. ,
72. ,
73. ,
74. ,
75. ,
76. ,
77. ,
78. ,
79. ,
80. ,
81. ,
82. ,
83. ,
84. ,
85. ,
86. ,
87. ,
88. ,
89. ,
90. ,
91. ,
92. ,
93. ,
94. ,
95. ,
96. ,
97. ,
98. ,
99. ,
100. ,

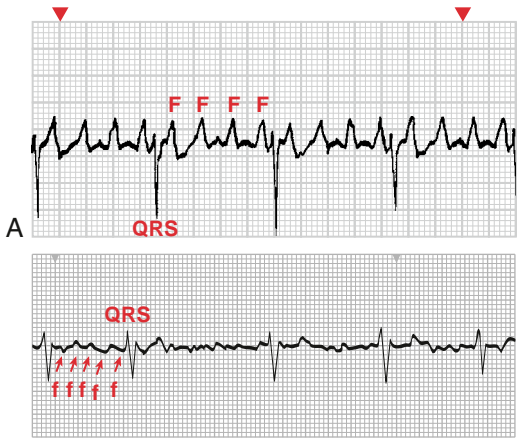
1. : (>100 / )
2. : (<60 / )
3. :
4. :

- 1.
- 2.
- 3.
- 4.

( . 4.4 )

1. ( ) P
2. .





QRS 4.4 ( ) 4:1 ( [F] ). ( )  
(f) V1. ( , QRS. :  
[2013] / ; , [6- ' .]  
[2013]. / .) [6- ' .] , &

HESI:

- 
- 
- 
- 

HESI:

- ( . 4.4 )
- 1.
  - 2.
- QRS
- 1.
  - 2.
- ( , )
- 1.
  - 2.
- ( )
- ( )

- 1.
  - 2.
  3. a.
- 1-1,5

4.18

$$I(\cdot, \cdot, \cdot)$$

11

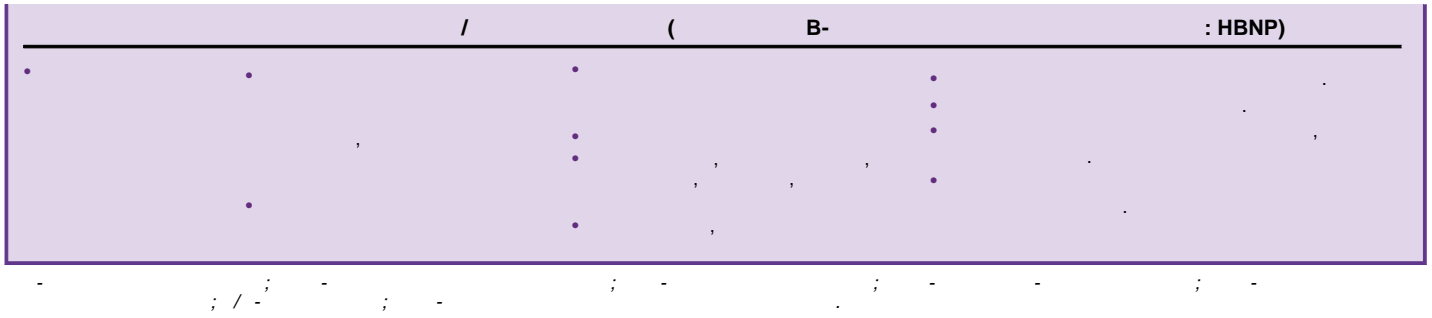
III ( )

IV

60 /

2-5

( )



- 1.
- 2.
- 3.
- 4.
- 5.

( ) ( . 4.5).

QRS,

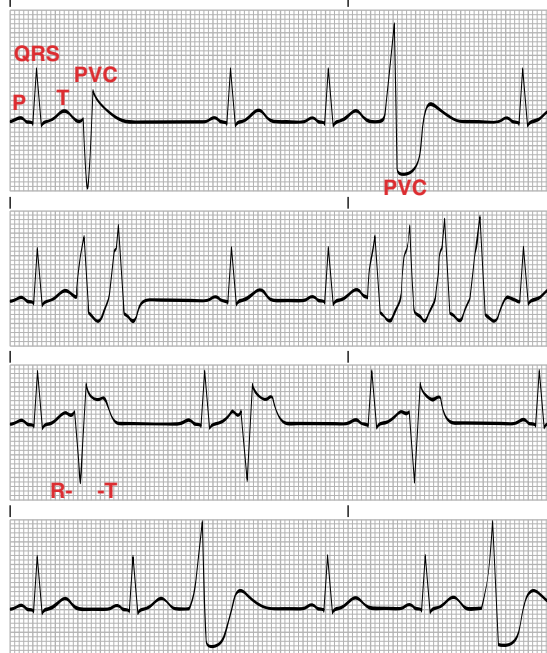
1. ( , 10

2. ;

3. T (

R- -T)

4.



1. ( ) :

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)
- 9)
- 10)

2. ( ) :

- 1)
- 2)
- 3)
- 4)
- 5)
- 6)
- 7)
- 8)

(BNP)

BNP

N-  
(NT-proBNP)

HESI:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

4

S3 S4.

- 1.
- 2.
- 3.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

- 1.
- 2.
- 3.

- 1.
- 2.
- 3.
- 4.
- 5.

60

4.19).

- 1.

( 4.15).

4.19

: 0,5—2

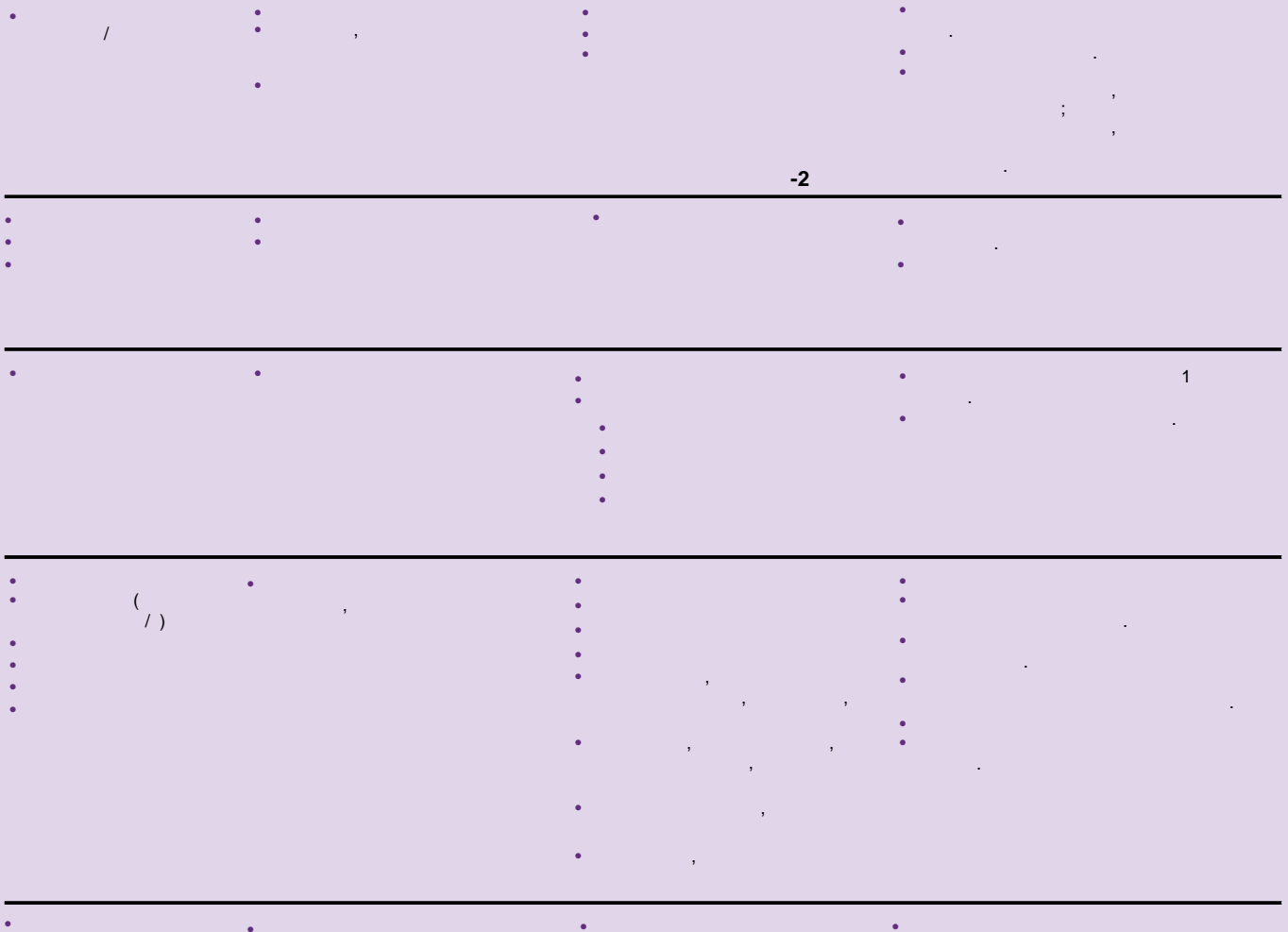
0,22



1. ?
2. ,
3. ?
4. ?
5. ,
6. ?
7. ?
8. ?
9. ?
10. ?
11. ?
12. .
13. ?
14. ,
15. ? ,
16. , ?
17. / . / .
18. \_\_\_\_\_

4. .
  5. 15-20
  6. ( H2, ).
- HESI:
1. 75-90% ( ) -
  2. , ,
  3. ( 4.20).
  4. ( )
  5. pylori Helicobacter
  6. ( , )
1. ,
  2. ( , )
  3. ,

4.20



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 60
2. 5-30
3. /
4. ( )
5. ( )
6. A.

HESI:

HESI:

•

•

•

•

•

•

( )

( )

( )

( « » ).



HESI:

8      100      200

$$\begin{array}{c} \bullet \\ \bullet \end{array}$$
$$\vdots$$

•

•

$$(\quad),$$

•

HESI:

$$( \quad \quad \quad ).$$

10-20 ) , (

1. \_\_\_\_\_ ,
2. \_\_\_\_\_
3. \_\_\_\_\_
4. \_\_\_\_\_

$$\left( \begin{array}{c} \vdots \\ \vdots \\ \vdots \end{array} \right), \left( \begin{array}{c} \vdots \\ \vdots \\ \vdots \end{array} \right)$$

HESI:

•

•

•

( . « » ).

HESI:

3

( , ).

- 1.
- 2.

3. ( )  
3 , )

4.

1. : ( , , )  
,

1. ( )
2. ( )
3. ( )
4. ( )
5. ; ;

1. ( )

2.

1. ( )

HESI:

- : ( , )
- ( , )

1.

a.

2.

1-2

3.

4.

2

5.

6.

7.

8.

9.

HESI:

- 
- 
- 
- 
- 
- 
- 
- 
- 

A.

1. ( ; 80

2.

3.

50

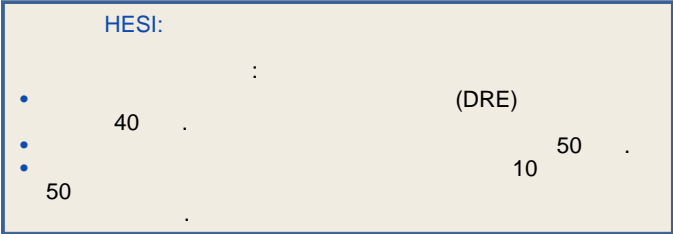
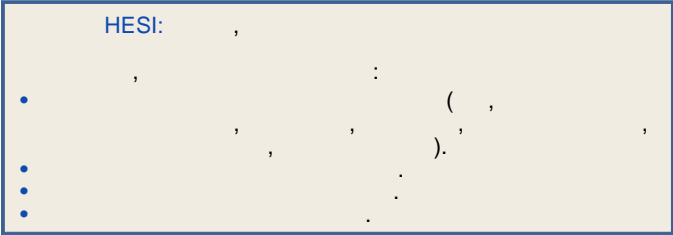
45%

25% -

30% -

8

;



1. ...

2. ...

3. ...

4. ...

5. ...

6. ...

7. ...

8. ...

9. ...

10. ...

11. ...

12. ...

13. ...

14. ...

15. ...

16. ...

17. ...

18. ...

19. ...

20. ...

21. ...

22. ...

23. ...

24. ...

25. ...

26. ...

27. ...

28. ...

29. ...

30. ...

31. ...

32. ...

33. ...

34. ...

35. ...

36. ...

37. ...

38. ...

39. ...

40. ...

41. ...

42. ...

43. ...

44. ...

45. ...

46. ...

47. ...

48. ...

49. ...

50. ...



1. ...
2. ...
3. ...
4. ...
5. ...
6. ...
7. ...
8. ...
9. ...
10. ...
11. ...
12. ...
13. ...
14. ...
15. ...
16. ...
17. ...
18. ...
19. ...
20. ...
21. ...
22. ...
23. ...
24. ...
25. ...
26. ...
27. ...
28. ...
29. ...
30. ...
31. ...
32. ...
33. ...
34. ...
35. ...
36. ...
37. ...
38. ...
39. ...
40. ...
41. ...
42. ...
43. ...
44. ...
45. ...
46. ...
47. ...
48. ...
49. ...
50. ...

2.

a.

• , ,  
• , ,  
•

: - ,

• :  
( )

A.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

B.

, .

• ,  
• ,  
• . .)

•  
•

1. ,
2. ,
3. ( );

- 4.
5. (

HESI:

• ( ) ,  
• ( )  
• ( )

HESI:

6. ( , )
- 7.
8. ,
9. ,
10. ( ),

11. ,

12.

13. ( )

HESI:

( ).

HESI:

( - ).

• ,  
• ,

1. ( ), , ( ), ( )

2. ( ), ( ),

HESI:

• ,  
• ,

1. ,
- 2.
- 3.
- 4.
- 5.
- 6.

• ( , , , ) .  
• ( , , , )

• ( 2 )  
• ;

• , , ,

1. ,
2. ,
3. 5
4. ,
5. ,
6. ,
7. ,



1. *Journal of the American Medical Association*, 1997; 277: 1001-1005.

1.  
( ) ( ),  
2.  
( ) ( )  
3.  
4.  
5.

A.

1.  
2.

A.

1.  
2.

HESI:

1.  
2.

HESI:

3.

8.

4.

9.

5.

10.

6.

11.

7.

12.

T<sub>4</sub> 12 /
$$\begin{pmatrix} 1 & 0 & 0 \\ 0 & 1 & 0 \\ 0 & 0 & 1 \end{pmatrix} \quad (1)$$
 $(^{131}\text{I})$  (

A.

HESI:

A.

- 1.
- 2.
- 3.
- 4.
- 5.

6.  
7.

( 4.6)

T<sub>3</sub> 220 /



## . 4.6

. [2003].

.)

1.

2.

Medic Alert

3.

» « » ).

4.

» « ( . « » ).

$$\frac{d}{dt} \left( \frac{\partial L}{\partial \dot{x}} \right) = \frac{\partial L}{\partial x}, \quad (1)$$

1.

2.

3.

1.

a. PTU

$$T_3 \quad T_4.$$

2.

a. 131

131

$$(\quad).$$



3.

HESI:

( )

a.

4.

a.

HESI:

9,0-10,5 / .

HESI:

/ ).

( 9,0-10,5

A

. 4.7

. ( )  
.( )

[11- . . . [2019].

- 1.
- 2.
- 3.

 $T_3$  ( 70)  
 $T_4$  ( 5)  
 4 ( )
,  $T_4$ 

## 4.23

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  ,
2. ( 4.23 )
- 3.
4. , ( , , , )

HESI:

NCLEX-RN

A.

4.24).

15

## 4.24

[illegible]

- 1.
- 2.
- 3.
- 4.

- 5.
- 6.

Medic Alert

- 1.
- 2.
- 3.
- 4.
- 5.

- 6.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

- 1.

- 2.
- 3.
- 4.

D

HESI:

HESI:

12-24

( )

( )

( )

(HbA1c).

6,5%,

200 / ,

200,

HESI:

( )

,

.

-

,

,

,

.

Figure 4.25 displays two side-by-side box plots comparing the distribution of the number of children per woman for two groups. The x-axis represents the number of children per woman, ranging from 0 to 5. The y-axis represents the percentage of women, ranging from 0% to 100%.

The left plot (Group 1) shows a median of 2.1. The distribution is skewed to the right, with 5% of women having 1 child and 95% having 3 or more children. The right plot (Group 2) shows a median of 2.0. The distribution is also skewed to the right, with 5% of women having 1 child and 95% having 3 or more children.

Both plots show a similar distribution of children per woman, with a slight shift in the median. The right plot (Group 2) has a slightly higher median (2.0) compared to the left plot (Group 1, median 2.1).

1.

2. ( , )

1.

2.

1.

2.

3.

1.

2.

1.

2.

3.

1.

2.

3.

1.

2.

3.

4.

1.

2.

3.

1.

2.

1.

2.

3.

1.

2.

3.

1.

2.

2.

1

HESI:

(HbA<sub>1c</sub>)

3-4 ( [RBCs] )

1.

2.

3.

4.

5.

6.

7.

1.

2.

1.

2.

3.

4.

3.

4.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

16.

17.

18.

19.

20.

21.

22.

23.

24.

25.

26.

27.

28.

29.

30.

31.

32.

33.

34.

35.

36.

37.

38.

39.

40.

/

( 4.26 4.27 ).

90

45

( ) .

( ) .

- 45% - 50%
- 15% - 20%
- 30%

6.

( ) .

HESI: ?

1.

2.

4.26

48  
48

B12

( ).

( )

+

+

+

+

+



## 4.28

[illegible]

3.  $\lim_{x \rightarrow 0} \frac{1}{x} = \infty$ ,  $\lim_{x \rightarrow 0} \frac{1}{x} = -\infty$ .

(4.28).

HESI:

HESI:

3.  $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$ ,  $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$ ,  $\frac{1}{2} \leq \frac{1}{2} \leq \frac{1}{2}$

5. \_\_\_\_\_.

7. \_\_\_\_\_.

9. \_\_\_\_\_, \_\_\_\_\_.

2.  
3

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.

- 9.
- 10.
- 11.
- 12.
- 13.



15.

1. a.  $\frac{1}{2}$   
b.  $\frac{1}{2}$
2. a.  $\frac{1}{2}$   
b.  $\frac{1}{2}$
3. (  $\frac{1}{2}$ ;  $\frac{1}{2}$  ).

1.

2.

3.

3.

4.

5.

6.

7.

8.

1.

2.

3.

A.

1.

2.

3.

4.

5.

6.

1.

2.

3.

4.

:

1.

2.

( . «

», .)

HESI:

NCLEX-RN

1.

2.

3.

4.

1.

2.

3.

4.

A.

1.

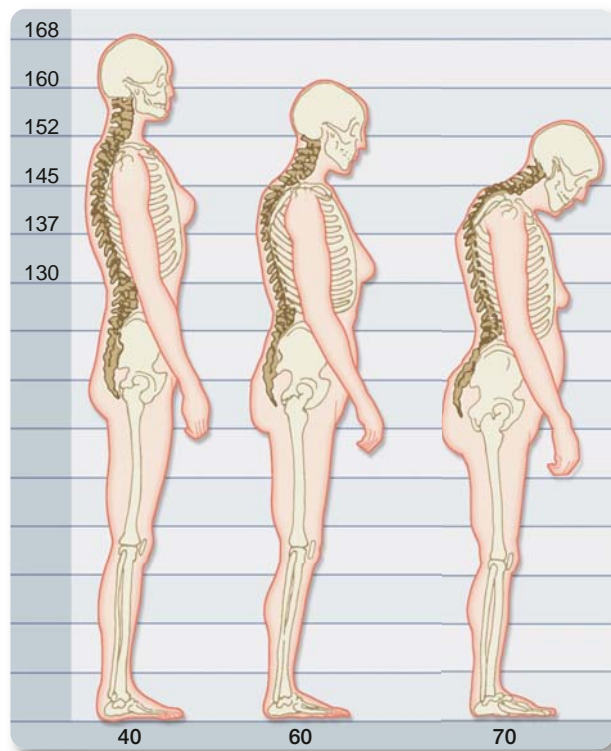
( )

B.

1.

2.

( . .4.8).



4.8  
40

60 70

[2020]. ( )  
[10- ].  
5-7 ,

HESI:

- 1.
- 2.
- 3.

- 4.
- 5.

- 1.
- 2.

- 1.
- 2.
- 3.
- 4.

D;

- 1.

( )

- 2.

a.

30

30

- 1) ( )
- 2) ( )
- 3) ( )
- 4) ( )
- 5) ( )
- 6) ( )

- 1) ( )
- 2) ( )
- 3) D
- 4) ( )
- 5) ( )

( ) -

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 4.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
4.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 4.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 5.  $\frac{1}{2}$  :  $\frac{1}{2}$  -  
 (  $\frac{1}{2}$  4.30).

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
4.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

HESI: 36

2).  $\frac{1}{2}$  :  $\frac{1}{2}$  -

25

HESI: 5

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

HESI: NCLEX-RN

3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

5:  $\frac{1}{2}$  :  $\frac{1}{2}$  -

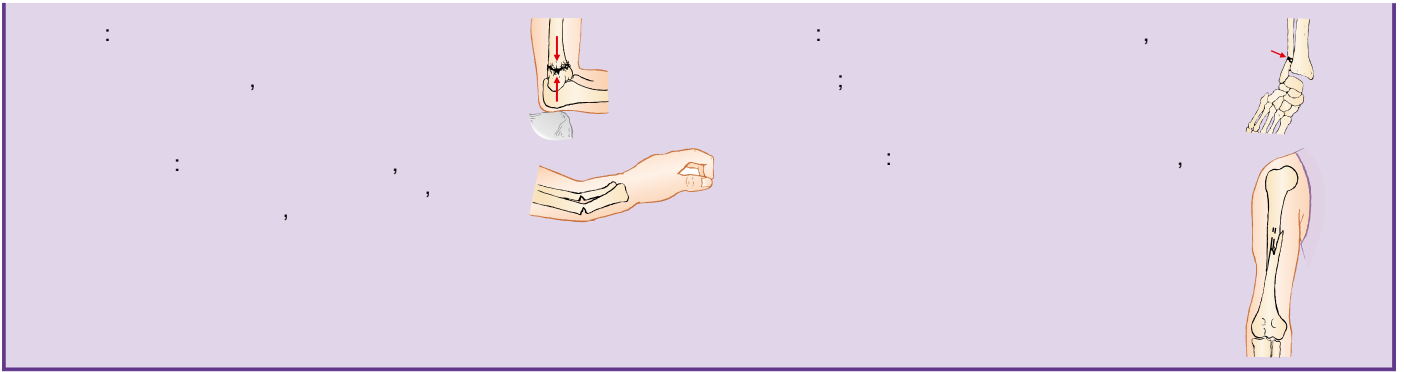
1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
  2.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
  3.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
  4.  $\frac{1}{2}$  :  $\frac{1}{2}$  -
- (  $\frac{1}{2}$  )  $\frac{1}{2}$  -
- 85-90%

1.  $\frac{1}{2}$  :  $\frac{1}{2}$  -

4.30



45



2.

3.

1.

a.

HESI:

a.

HESI:

NCLEX-RN

2.

a.

c.

HESI:

3-4

3

1.

2.

3.

4.

5.

HESI:

HESI:

1.

2.

3.

4.

5.

1.

2.

3.

4.



HESI:

- 1.
- 2.
- 3.
- 4.

( )

- 1.
- 2.

- 3.

- 1.
- 2.

- 3.
- 4.

( )

A. ( 4.31).

HESI:

1-2

( )

( )

- 1.
- 2.
- 3.
- 4.

a.

3-5

5.

a.

6.

a.

( )

1)

( )

- 1.
- 2.

1.

2.

( )

« 6 »).

( )

( )

( )

( )

( )

( )

( )

( )

( )

( )

( )



[illegible]

HESI:

- 1.
- 2.
- 3.

3-5

A.

1. ) (
2. ) (
3. ( )
4. ( )

HESI:

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

(30-60 )

1-2

(12,5 )

5

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

HESI:

NCLEX-RN

4.32

4

3

2

1

6

5

4

3

2

1

5

4

3

2

1

( , ( ) ),  
( , ( ) ).

HESI:

100

HESI:

HESI:

2

1.

2.

3.

4.

( 4.32).

- 15;

- 3.

( . . 3-4)

8

HESI:

A.

1.

HESI:

## 4.1

1.

2.

3.

4.

5.

( )

HESI:

HESI:

( )

( 4.9).

A.

1.

HESI:

2.

a.

6.

1.

2.

3.

4.

1.

2.

1.

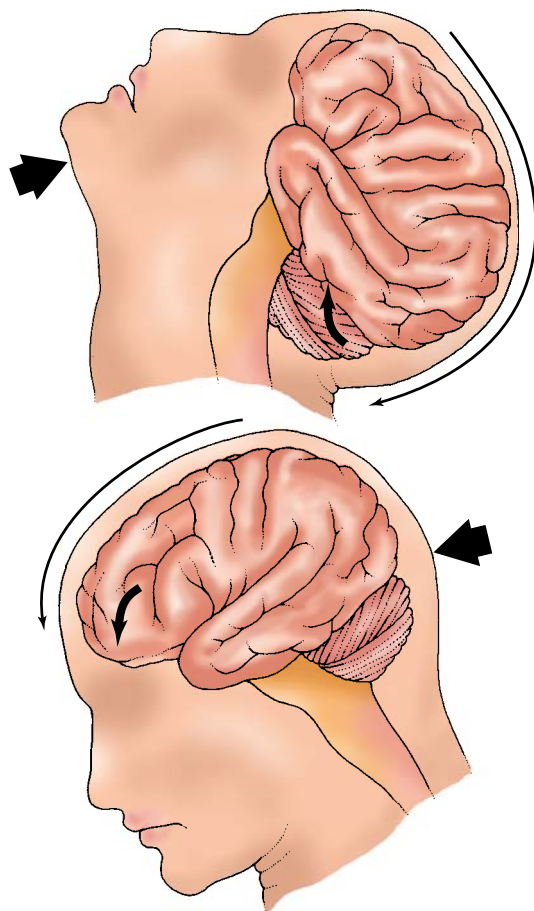
2.

( 4.1).

1.

2.

8



4.9

[2020].

[10-

].



1. 2. 3. (T12) (C5, C6, C7), (L1).

HESI: C3-C5,

1. 2. 3. 4. 5. 6. 8-24

7. 8. 9. 10. 11. 12. T6.

13. 14. 15. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 4

12.

... ( ; ... )  
... ( ; ... )

13.

14.

HESI:

15.

16.

17.

18.

19.

HESI:

1.

2.

3.

( )

1.

2.

HESI:

•

•

•

25

1.

2.

3.

4.

( )

1.

2.

3.

4.

5.

6.

7.

30-40



90%

(AChR),

10      40

50

70

8. ( , )

HESI:

Alert ( ).

4.34).

4-6

HESI:

$$(\quad),$$

## 4.34

HESI: NCLEX-RN: (

« »),

.

:

!

- 1.
- 2.
- 3.
- 4.
- 5.

HESI:

( ).



## 4.36

|   |   |   |
|---|---|---|
| • | • | • |
|   | • |   |
| • | • | • |
|   |   | • |
| • | • | • |
|   | • | • |
|   |   | • |
|   | • | • |
|   |   | • |
| • | • | • |
|   | • | • |
|   | • | • |
|   |   | • |
|   | • | • |
|   |   | • |
|   | • | • |
|   |   | • |
| • | • | • |

4.

HESI:

«

?

»

- 1.
- 2.
- 3.
- 4.

(ADLs)

HESI:

: 1.

- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

- 1.
- 2.
- 3.
- 4.
- 5.

$$).$$

- 1.
- 2.

- 1.
- 2.

HESI:

H2,

1.

?

2.

?

3.

4.

5.

6.

?

7.

8.

?

9.

?

10.

11.

12.

13.

14.

?

15.

?

16.

?

17.

?

18.

19.

?

20.

(

),

?

21.

?

22.

23.

?

24.

?

25.

?

26.

?

3.

4.

:  
Hct, Hgb (RBCs)

- 1. Hgb 10 /
- 2. Hct 36%
- 3. RBCs  $4 \times 10^{12}$
- 4.

HESI:

7

A.

( 3.7)

1.

2.

B12

10

- $B_{12}$

$$\mathbf{B}_{12}$$
B<sub>12</sub>.

Z-4.37).

5:

( )

H

## 4

(c)

( ).

$$(\quad).$$

—

—

- 2

3

35

•

- 1

2

5

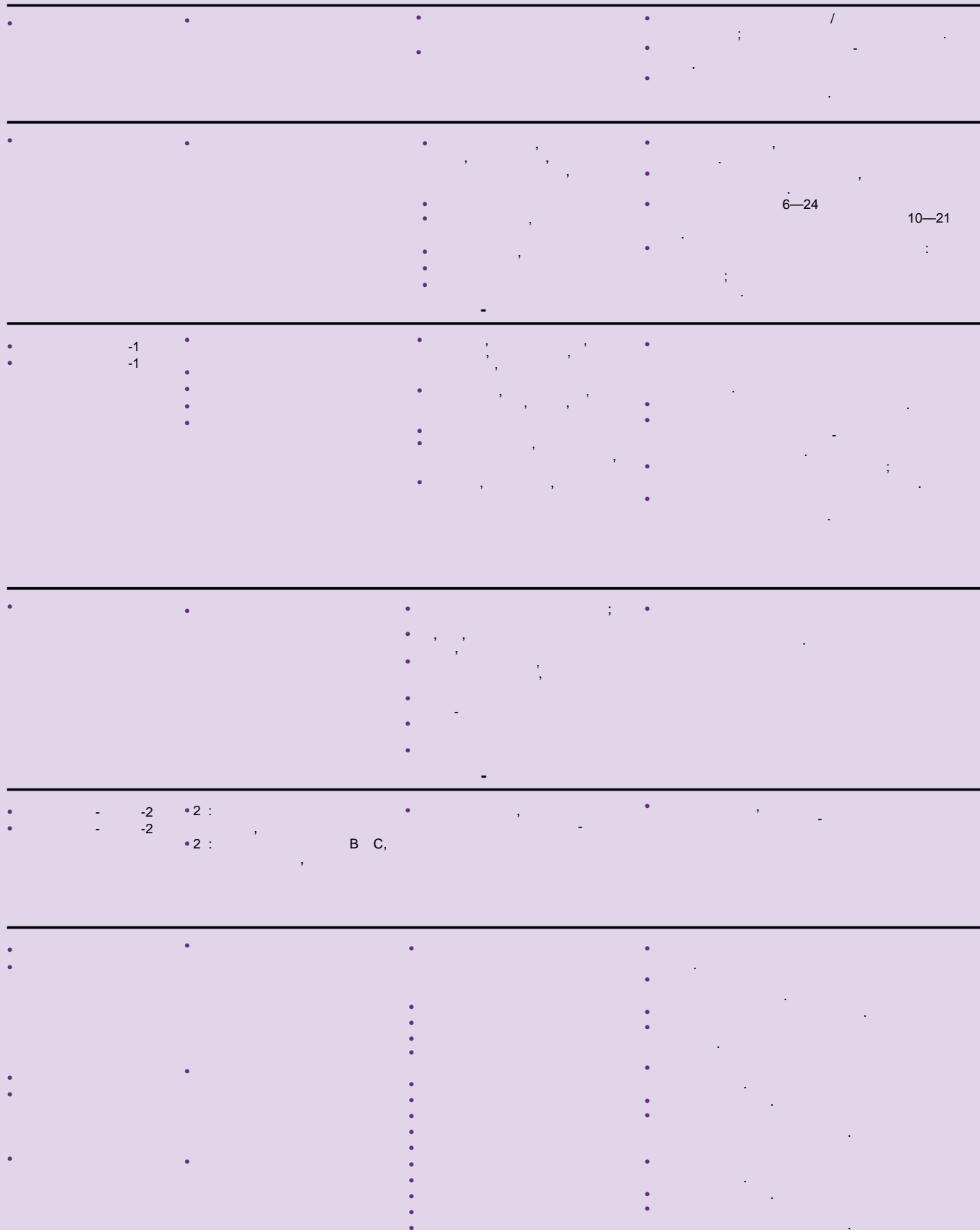
•

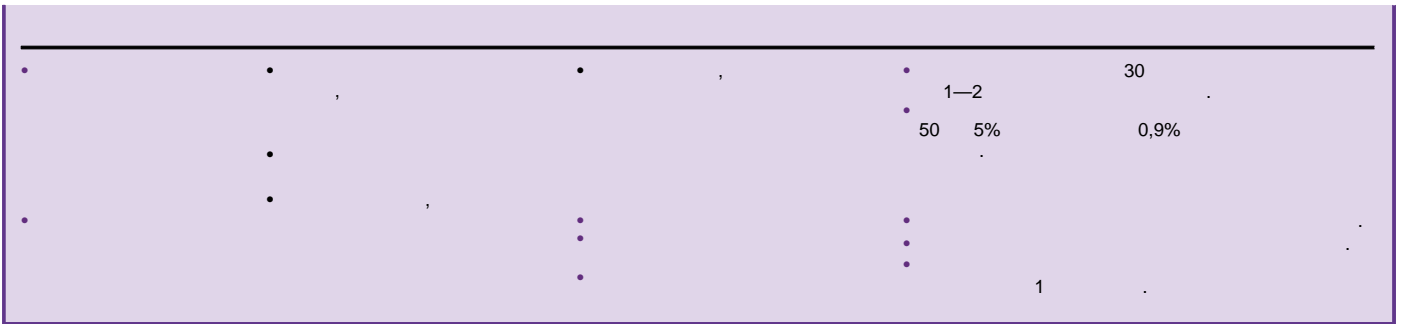






10



[illegible]

3.  $\frac{2-3}{3}$  .
4.  $\frac{2-3}{3}$  .
5.  $\frac{2-3}{3}$  .
6.  $\frac{2-3}{3}$  .
- a.  $\frac{2-3}{3}$  .
7.  $\frac{2-3}{3}$  .
8.  $\frac{2-3}{3}$  .
- a.  $\frac{2-3}{3}$  .

1. ( )
2. ,
3. : 80% 5
1. ( )
2. , 35 1.
3. 73% 5 2.
4. .

38,05°C

4.3).



1. ) ( ,
2. ( . « » )
3. ( [ ], , [ ] )
4. ( )
- 5.

( : )

( )

HESI:

( ) - ,

1. ,
2. .
3. ( )
4. )
5. ,
6. ( [ ] ) ,
1. ( ) : 24
2. :
3. : , ,
4. ,
5. :
- 6.

38,3°C,

7.

- 1.
- 2.
- 3.

1. ( )
2. ( )
3. ( )

- 1.
- 2.
- 3.

HESI:  
?

- 1.
- 2.
- 3.
- 4.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

1.

- 2.
- 3.

( )

- 1.
- 2.
- 3.

(LEEP)

- 1.
- 2.

6-8

- 1.
- 2.
- 3.

4. ( 3-6 (6-8 ) 4-6

(3 / ).

38,3°C

- 1.
- 2.
- 3.

95%

( ).

9 30

(6, 11, 16, 18)  
( ).

21

( - ).

- 1.

- 2.

- 3.

(

)

- 1.

- 2.

«

:

».

- 1.
- 2.

- 1.

30

2.

3.

4.

5.

HESI:

HESI:

(ACOG) 2021  
30 65

30 65

65

21

1%

1.

2.

3.

30

12

50

4.

5.

6.

65

40

49

20 40

1.

2.

35-40

1-2

40 44

45 54

1.

2.

3.

4.

5.

6.

7.

8.

3.

4

( . «  
», ).

( . «

», ).

( ) -

1.

).

2. ( ),
- ( , )

HESI:

- ( )
- ( )
- ( )
- 1.
  - 2.

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

1. ,
- 2.

1. ; , ( )
2. ( )
3. ,
4. ,
5. ,

6. ,
7. ( )

- 1.
- 2.
- 3.

1. ,
2. ,
3. ,
4. ,
5. ,
6. ,
7. ,
8. ,
9. ,
10. ,
11. ,
12. ,
13. ,
14. ,
15. ,
16. ,
17. ,
18. ,
19. ,
20. ,
21. ,
22. ,
23. ,
24. ,
25. ,
26. ,
27. ,
28. ,
29. ,
30. ,
31. ,
32. ,
33. ,
34. ,
35. ,
36. ,
37. ,
38. ,
39. ,
40. ,
41. ,
42. ,
43. ,
44. ,
45. ,
46. ,
47. ,
48. ,
49. ,
50. ,
51. ,
52. ,
53. ,
54. ,
55. ,
56. ,
57. ,
58. ,
59. ,
60. ,
61. ,
62. ,
63. ,
64. ,
65. ,
66. ,
67. ,
68. ,
69. ,
70. ,
71. ,
72. ,
73. ,
74. ,
75. ,
76. ,
77. ,
78. ,
79. ,
80. ,
81. ,
82. ,
83. ,
84. ,
85. ,
86. ,
87. ,
88. ,
89. ,
90. ,
91. ,
92. ,
93. ,
94. ,
95. ,
96. ,
97. ,
98. ,
99. ,
100. ,

15 35 2-3 90-100%.

- 1.
- 2.
- 3.

- 1.
- 2.

HESI: (TSE)



40

6)

-125

-103

1.

2.

12-24

3.

 $(\quad),$ 

1-2

(

1.

(        );

1)

2)

( )

2

1)

2)

(  
4-6

$$):$$

1.

2.

3.

( )

3)

4)

5)

1.

2.

3. - ,
  4. ( ).
  5. ,
  6. ,
- ( )

HESI:

4.39.

HESI:

- 1.
- 2.
3. ( ),
- 4.
- 5.
- 1.
- 2.

3. , -
4. ,
- 1.
- 2.
- 3.
- 4.

HESI:

Neisseria gonorrhoeae Chlamydia trachomatis.

- 1.
2. ,
- 3.
- 4.
- 5.
- 6.
- 7.
8. ;
9. ,

HESI:

? ( ).

G, 2,4

;

3

, -A : ( ) : 90  
 • ( , • G / ( 2,4 ( ), )  
 • ) : ,  
 • ( ) : 6 -6  
 •  
 • ,  
 • : 10-30  
 • -

,

,

Number of children

Number of books read

38,3

3

$$\begin{array}{ccccccc} \vdots & & \bullet & & \vdots & , & \bullet \\ & & & & & & (\quad) \\ & & & & & & ) \\ & & \bullet & & \vdots & & \\ & & & & & & \end{array}$$

,

[illegible]

2,

[illegible]

( )

• 70 , •

• • ( , )

• • ( )

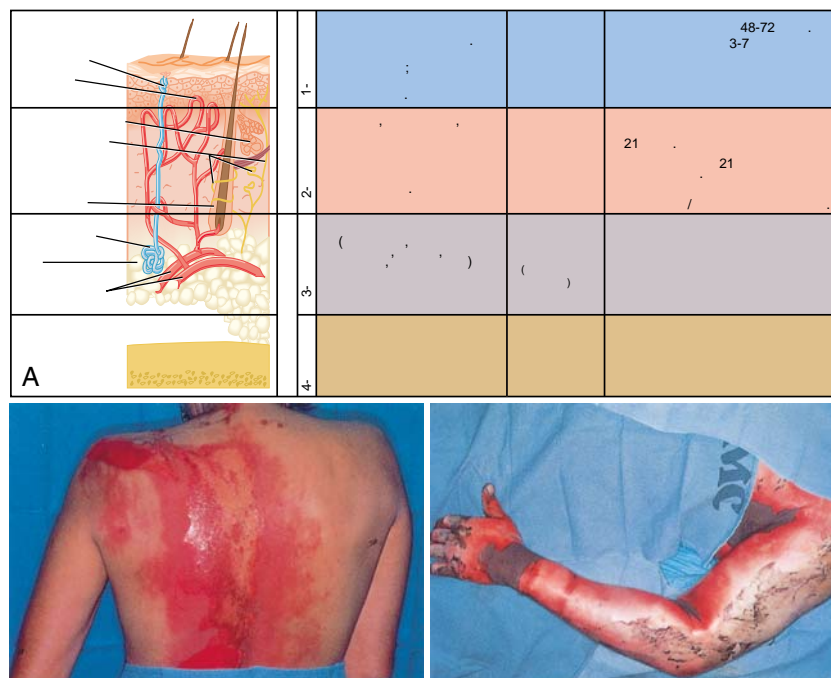
• • ( )

( ),

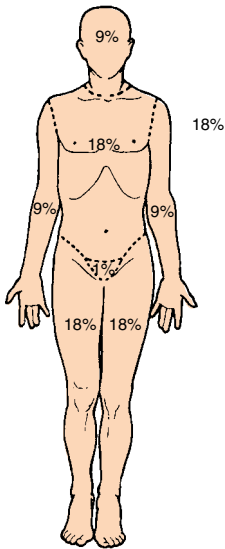
$$\left( \begin{array}{c} \cdot \\ \cdot \\ \cdot \end{array} \right)$$
$$-A, \quad \quad \quad , \quad \quad , \quad \quad .$$

1. ?
2. ,
3. .
4. ?
5. ?
6. 21 ?
7. ,
8. ,
9. ?
10. ?
11. , , ?
12. ?
13. ?

- 1.
- 2.
3. -
4. -
5. -
6. ( . 4.10).
1. ( , )



. 4.10 ( ) , ( ) [2020]. [10- .]



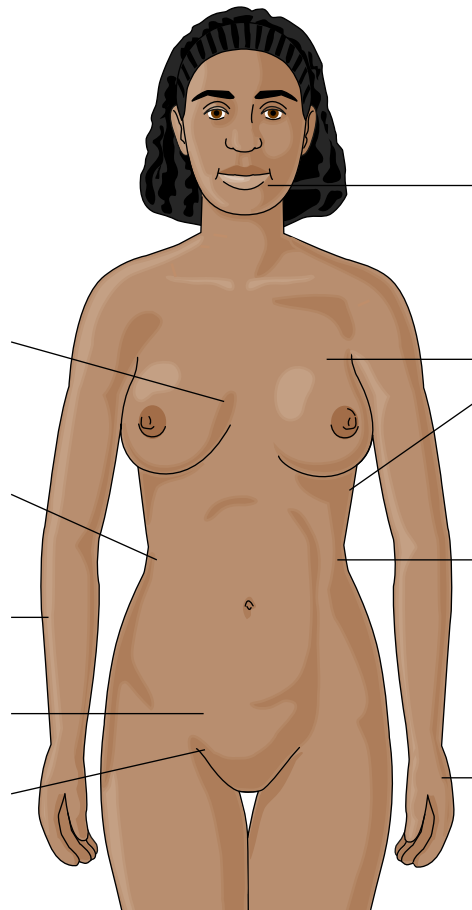
4.11 ( , , , , [2020]. ) (10- ). : . ( ) 2. , ( ) , ( . . ) , 3. ;

1. 9%, 9%, 18%, 18%, 1%, ( 4.11 ) 2. : ; ; ( 4.40 ). 1. I: / 48-72 ; 2. II: (48-72 ) 3. III:

| 4.40 |     |     |       |    |    |  |
|------|-----|-----|-------|----|----|--|
| 1    | 1-4 | 5-9 | 10-14 | 15 |    |  |
| 19   | 17  | 13  | 11    | 9  | 7  |  |
| 2    | 2   | 2   | 2     | 2  | 2  |  |
| 13   | 13  | 13  | 13    | 13 | 13 |  |
| 13   | 13  | 13  | 13    | 13 | 13 |  |
| 2½   | 2½  | 2½  | 2½    | 2½ | 2½ |  |
| 2½   | 2½  | 2½  | 2½    | 2½ | 2½ |  |
| 1    | 1   | 1   | 1     | 1  | 1  |  |
| 4    | 4   | 4   | 4     | 4  | 4  |  |
| 4    | 4   | 4   | 4     | 4  | 4  |  |
| 3    | 3   | 3   | 3     | 3  | 3  |  |
| 3    | 3   | 3   | 3     | 3  | 3  |  |
| 2½   | 2½  | 2½  | 2½    | 2½ | 2½ |  |
| 2½   | 2½  | 2½  | 2½    | 2½ | 2½ |  |
| 5½   | 6½  | 8   | 8½    | 9  | 9½ |  |
| 5½   | 6½  | 8   | 8½    | 9  | 9½ |  |
| 5    | 5   | 5½  | 6     | 6½ | 7  |  |
| 5    | 5   | 5½  | 6     | 6½ | 7  |  |
| ½    | 3½  | 3½  | 3½    | 3½ | 3½ |  |
| 3½   | 3½  | 3½  | 3½    | 3½ | 3½ |  |

8. , ,  
 9. ,  
 ( 5 )  
 ( .4.12)

72 1. a. ( ).  
 2 ( ) 72 1) : , ,  
 2) :  
 3) :  
 a) ;  
 ) :  
 )  
 )  
 )  
 1.  
 2.  
 3.  
 1.  
 2.  
 3.  
 4.  
 5.  
 6.  
 7.



.4.12 ( ) ( [7- . [2020]. [10- . [2020]. )

)

)

2.

a.

( 30-100 / ).

30-100 / .

1.

2.

3.

4.

3.

a.

30

4.

a.

HESI:

( );

32°C,

5.

a.

6.

a.

7.

[

]

).

8.

a.

( );

72

1.

a.

2.

3.

a.

3-5

4.

( )

5.

a.

( 5000 / ),

6.

a.

( )

( ); ( )

3 14

( 4.41).

( ) ,

( ).







## 4.1

ST

( )

D- ( ), D- ( )

( )

1. ?

1. 2. 3. 4. 5. 6.

2. ( / )

120-140 /

5 5 7 5

I: 4,002

: 1196

: 46

D- , - , D-

3. , ,

- .?

1. 2. 3. 4.

/ (2 / ).

4. , -

?

1. 2. 3. 4.

5. ?

6. \_\_\_\_\_

7. \_\_\_\_\_

8. \_\_\_\_\_

9. \_\_\_\_\_

10. \_\_\_\_\_









Verywell / Joshua seong

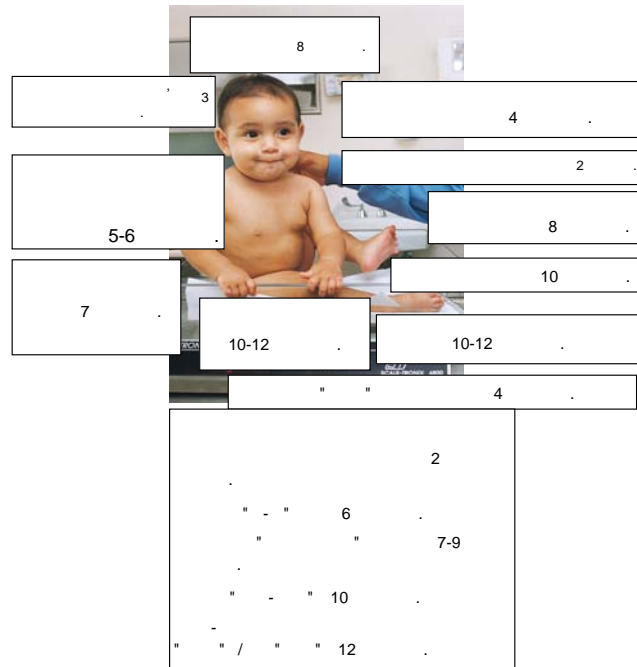
## 5.1

Verywell/Joshua Seong.)

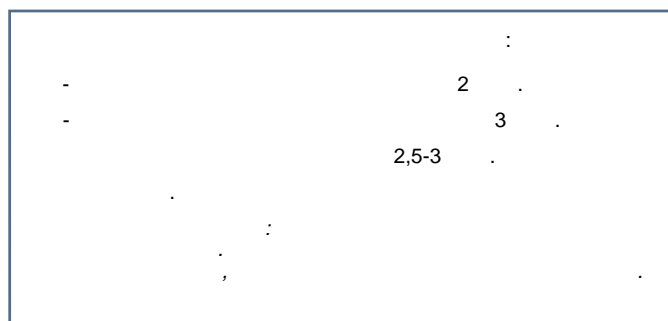
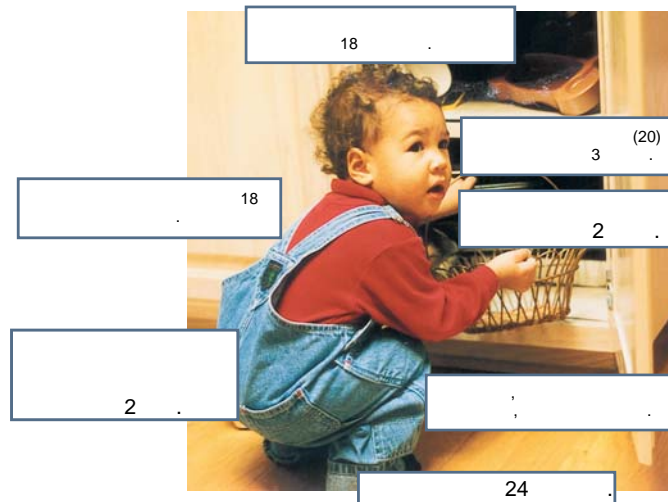
(

| :      |     |
|--------|-----|
| 18     | ( ) |
| (2-3   | )   |
| (3-5   | )   |
| (6-11  | )   |
| (12-18 | )   |
| (19-40 | )   |
| (40-65 | )   |
| (65    | )   |





[9- .]. - : / . .) , . [2011].



5.3.  $\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = 1$ . [2013]. -  $\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = 1$ . -  $\frac{1}{2} \left( \frac{1}{2} + \frac{1}{2} \right) = 1$ .



- 2.
- 3.
- 4.
5. 3-

- 6.
- 7.
- 8.
9. 20/20.

( )

4

5

- 1.

- 1.

( )

- 2.

- 3.

- 4.

- 5.

- 6.

( )

HESI:

, 5-

(6-12 )

1. 2-3 5
- 2.

- 3.

- 4.

- 5.

- 1.

HESI HINT NGN-NCLEX-RN

?

- 1.

- 2.

- 3.

- 4.

( )

- 5.

- 6.

HESI HINT

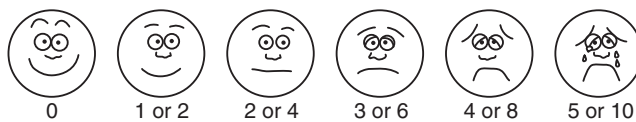
( 5.1)

(12-18 )

1. ( 5.1)

2. 10 ). 14





5.4  
Wong-Baker FACES. [2016].  
FACES®. 3 2016  
<http://www.WongBakerFACES.org>

(  
Wong-Baker

3.

1. 20-

(  
).

1. COMFORT (Van Dijk et al.)

8 40.

2. (PIPP),  
37

HESI:

(N-PASS)

23  
N-PASS

-10 0. / 100 0 10

3.

FLACC (

);  
CRIES (

2.

5-

1.

(FPS-R)

3.

1.

(8 )  
0 10.

( / ).

( . 5.4). ( )

1.

(PCA).

2.

FLACC (r-FLACC)  
4 19  
FLACC

(IM)

HESI:

<http://www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html>

CDC ( 5.3).

HESI:

HESI:

<http://www.cdc.gov/vaccines/schedules/hcp/child-adolescent.html>

- 12
- 36
1. 400 ( ) D
- 12 600
- 1 70 800 70
- (Mayo Clinic, 2021e, Vitamin D).
2. D, 400
- D

## 5.2

(rubeola)

(paramyxovirus)

14–21

(rubella)

3

(varicella)

CDC

12 15

4 6

CDC,

5.3

|  |  |
|--|--|
| <ul style="list-style-type: none"><li>• , , ( )</li><li>•</li></ul>                            | <ul style="list-style-type: none"><li>• 12-15 6 4-6 11-12 15</li><li>•</li><li>•</li><li>•</li><li>• 2</li></ul>   |
| <ul style="list-style-type: none"><li>•</li><li>•</li></ul>                                    | <ul style="list-style-type: none"><li>• 2 , 15-18 4-6 2</li><li>• / ( ).</li><li>• ; ,</li><li>• ( , ),</li><li>• :</li><li>• 7</li><li>•</li><li>•</li><li>•</li><li>• ( 10-15 / ).</li></ul> |
| <ul style="list-style-type: none"><li>• ( )</li></ul>  | <ul style="list-style-type: none"><li>• 18 2 4</li><li>• 6-18 4-6</li><li>• /</li><li>•</li><li>•</li></ul>  |
| <ul style="list-style-type: none"><li>• (Haemophilus influenzae B)</li><li>• ( ) , ,</li></ul> | <ul style="list-style-type: none"><li>• PRP-OPMs 2 ; / 2,4 6 5 5</li><li>• ;</li><li>• ,</li><li>• /</li><li>•</li></ul>   |
| <ul style="list-style-type: none"><li>• B</li><li>• B</li><li>• 18</li></ul>                   | <ul style="list-style-type: none"><li>•</li><li>•</li><li>• 12-18 ( &gt; 30 12 ( ). )</li><li>•</li></ul>  |

- ( )
- ( ) ( )
- ), Mycobacterium tuberculosis
- ( , ),
- M. tuberculosis.
- 12

/ , ; / ,

1. ,
2. C
3. B<sub>6</sub>
4. B<sub>12</sub>

1. : , ,
2. , ,
3. , ,
4. , ,

1. 24 : ,
2. 24 ,
- 3 (2 : 1 )
3. : ,

1. , ,
2. , ,
3. , ,

1. /
2. , , , ,
3. ( , ),
4. ( )
5. ( )
6. ( )
7. ( )
8. ( )
9. ( )
10. ( )
11. ( )
12. ( )
13. ( )
14. ( )
15. ( )
16. ( )
17. ( )
18. ( )
19. ( )
20. ( )
21. ( )
22. ( )
23. ( )
24. ( )
25. ( )
26. ( )
27. ( )
28. ( )
29. ( )
30. ( )
31. ( )
32. ( )
33. ( )
34. ( )
35. ( )
36. ( )
37. ( )
38. ( )
39. ( )
40. ( )
41. ( )
42. ( )
43. ( )
44. ( )
45. ( )
46. ( )
47. ( )
48. ( )
49. ( )
50. ( )
51. ( )
52. ( )
53. ( )
54. ( )
55. ( )
56. ( )
57. ( )
58. ( )
59. ( )
60. ( )
61. ( )
62. ( )
63. ( )
64. ( )
65. ( )
66. ( )
67. ( )
68. ( )
69. ( )
70. ( )
71. ( )
72. ( )
73. ( )
74. ( )
75. ( )
76. ( )
77. ( )
78. ( )
79. ( )
80. ( )
81. ( )
82. ( )
83. ( )
84. ( )
85. ( )
86. ( )
87. ( )
88. ( )
89. ( )
90. ( )
91. ( )
92. ( )
93. ( )
94. ( )
95. ( )
96. ( )
97. ( )
98. ( )
99. ( )
100. ( )

1. /
2. (5% 15%)
3. (5% 15%)
4. (5% 15%)
5. (5% 15%)
6. (5% 15%)
7. (5% 15%)

1. ( < 7,35)
2. ( < 7,35)
3. ( < 7,35)
4. ( < 7,35)

1. ( )
2. ( )
3. ( )
4. ( )
5. ( )

HESI:

5

3

HESI:

15 ( ).

75%

4

(65%)  
(20%) ( , 2021).

1. 5

2. (

3. ) 4 140

15 20%

2

1.

2

( . 5.5).

2.

3.

25%

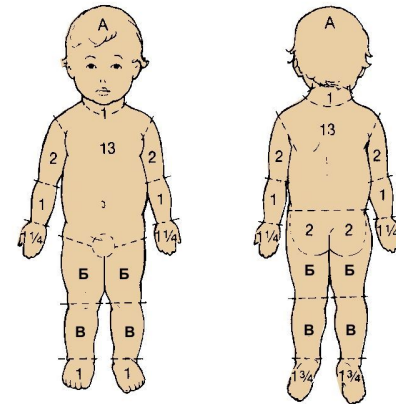
10%

( . 5.5).

HESI:

1-2 / / .

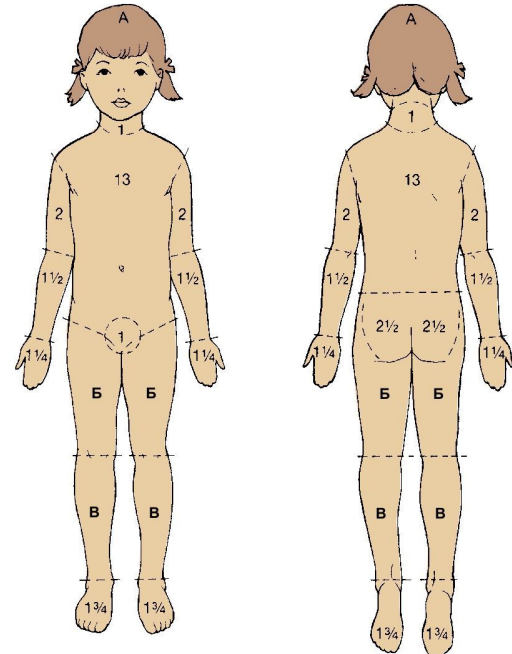
1,025.



ОТНОСИТЕЛЬНЫЕ ДОЛИ ТЕРРИТОРИЙ, ЗАТРОНУТЫХ РОСТОМ

| ПЛОЩАДЬ              | РОЖДЕНИЕ | ВОЗРАСТ 1 ГОД | ВОЗРАСТ 5 ЛЕТ |
|----------------------|----------|---------------|---------------|
| A = 1/2 головы       | 9 1/2    | 8 1/2         | 6 1/2         |
| B = 1/2 одного бедра | 2 3/4    | 3 1/4         | 4             |
| V = 1/2 одной ноги   | 2 1/2    | 2 1/2         | 2 3/4         |

A



ОТНОСИТЕЛЬНЫЕ ДОЛИ ТЕРРИТОРИЙ, ЗАТРОНУТЫХ РОСТОМ

| ПЛОЩАДЬ              | ВОЗРАСТ 10 ЛЕТ | 15 ЛЕТ | ВЗРОСЛЫЙ |
|----------------------|----------------|--------|----------|
| A = 1/2 головы       | 5 1/2          | 4 1/2  | 3 1/2    |
| B = 1/2 одного бедра | 4 1/2          | 4 1/2  | 4 3/4    |
| V = 1/2 одной ноги   | 3              | 3 1/4  | 3 1/2    |

B

5.5

5 ( )

[2020].

[8- ]. - : , .)

( )



2011  
3,4

2,1 100 000  
(80%).

4  
( , 2015).

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.

( ).

HESI:

-

0 19

300

[CDC],

, 2019, 6

).

( 6 )

1- 2-

, 2019 Poison Control).

90%

( [HRSA], 2021, ).

HESI:

,1- 800-222-1222,

112,

, N-



( )

|       |     |         |       |
|-------|-----|---------|-------|
|       |     | 100—160 | 30—60 |
| 1—11  |     | 100—150 | 25—35 |
| 1—3   | ( ) | 80—130  | 20—30 |
| 3—5   | ( ) | 80—120  | 20—25 |
| 6—10  | ( ) | 70—110  | 18—22 |
| 10—16 | ( ) | 60—90   | 16—20 |

8. , , ( ) /

9. , , : ,

10. ) (

6 ( 5.6)

11. .

12. .

13. : ( 2), ). (

( 2)

( , 2021, ). ( >95% - ).

: , /

: , , ,

1. 1.

2. 2.

3. 3.

4. /

5. 5.

6. 6.

7. 7.

8. 8.

1. 1.

2. 2.

3. 3.

1. ( )

2. 1-2

3. (10-20% )

4. 12 . 10 ( , )

5. 6. ( )

7. : , ,

8. /

$$\left( \frac{1}{2}, \frac{1}{2} \right).$$
$$/ , \quad ; / ,$$
$$\begin{aligned} & \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right) = \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} \\ & \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} = \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} \\ & \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} = \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} \left( \frac{\partial \mathcal{L}}{\partial \mathbf{D}_t} \right)_{\mathbf{D}_t = \mathbf{D}_t^*} \end{aligned} \quad (5.1)$$

- :  
 • : ( 4-6 ).
- :  
 .
- (SaO<sub>2</sub>)  
 ,  
 ,
- SaO<sub>2</sub> ( <95%).
- : PO<sub>2</sub>: 80-100 . ; PCO<sub>2</sub>: 35-45 . . ( )

HESI: (NBS),

HESI: (NBS),

NGN-NCLEX-RN.

24-48

24

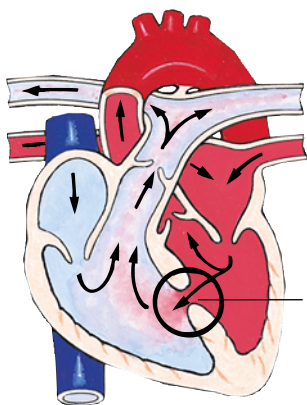
24  
0,2-2,2%, — 0,1-4,8%,

5

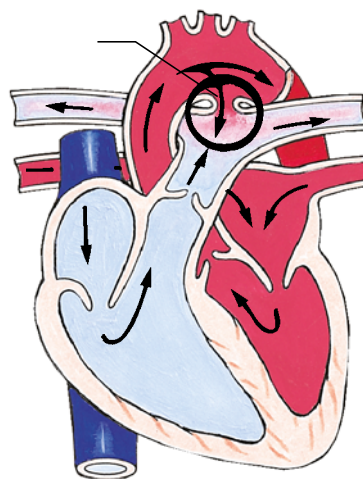
( .)



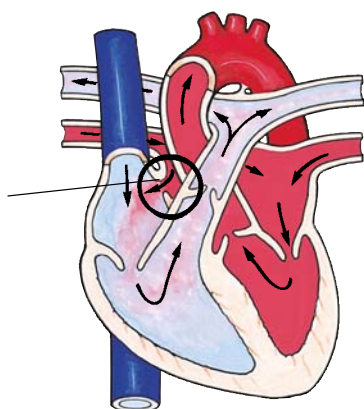




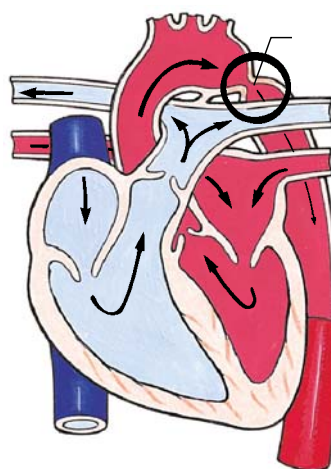
5.6 . ( , . [2011]. [9- .]. - : .)



5.8 . ( , . , . [2011]. [9- .]. - : .)



5.7 . ( , . [2011]. [9- .]. - : .)



5.9 . ( , . , . [2011]. [9- .]. - : .)

72

( ), / ( . 5.8).

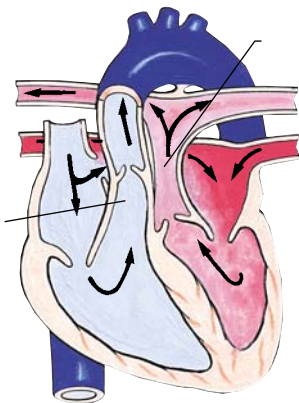
( ): —

( / ) ,

) (

( . 5.9).





5.13 . ( [9- . [2011]. - : .)

1. , / , ( ), ( . 5.13).

5.2

( ):

- 1. ( , , )
- 2. ( [ ] ) ,
- 3. ( )
- 4. ( , )

- 1. ( ; )
- 2. ,
- 3. ,
- 4. ,
- 5. ,
- 6. ,
- 1. ,

- 2. /
- 3. ( )
- 4. ( 4
- 5. ;

- 1. ; ( ).
- 2. ,
- 3. ,
- 4. ,
- 5. ,
- 6. ,
- 7. ,

- 1. ( )
- 2. ,

HESI: , , , 2021 ( ).

( , ).

- 1. ,
- 2. :
- 3. ( )

- 1. ,
- 2. , ,
- 3. ,
- 4. ,
- 5. ,
- 6. ,

HESI:

( 5.8).

HESI:

( ) -

HESI:

10

40-45

25

10

18-21<sup>5</sup> (

HESI:

( )

6

HESI:

A

1-5 (GAS)

(" " ).

( ),

( )



•

•

•

•

8

39 °C

3

(30-50 / (8-12 ; 2 / ) ).

1.

2.

2

5.11).

1.

5.

6.

7.

2.

3.

4.

4.

5.

6.

7.

8.

(5.14).

21 , 5%  
21.

1.

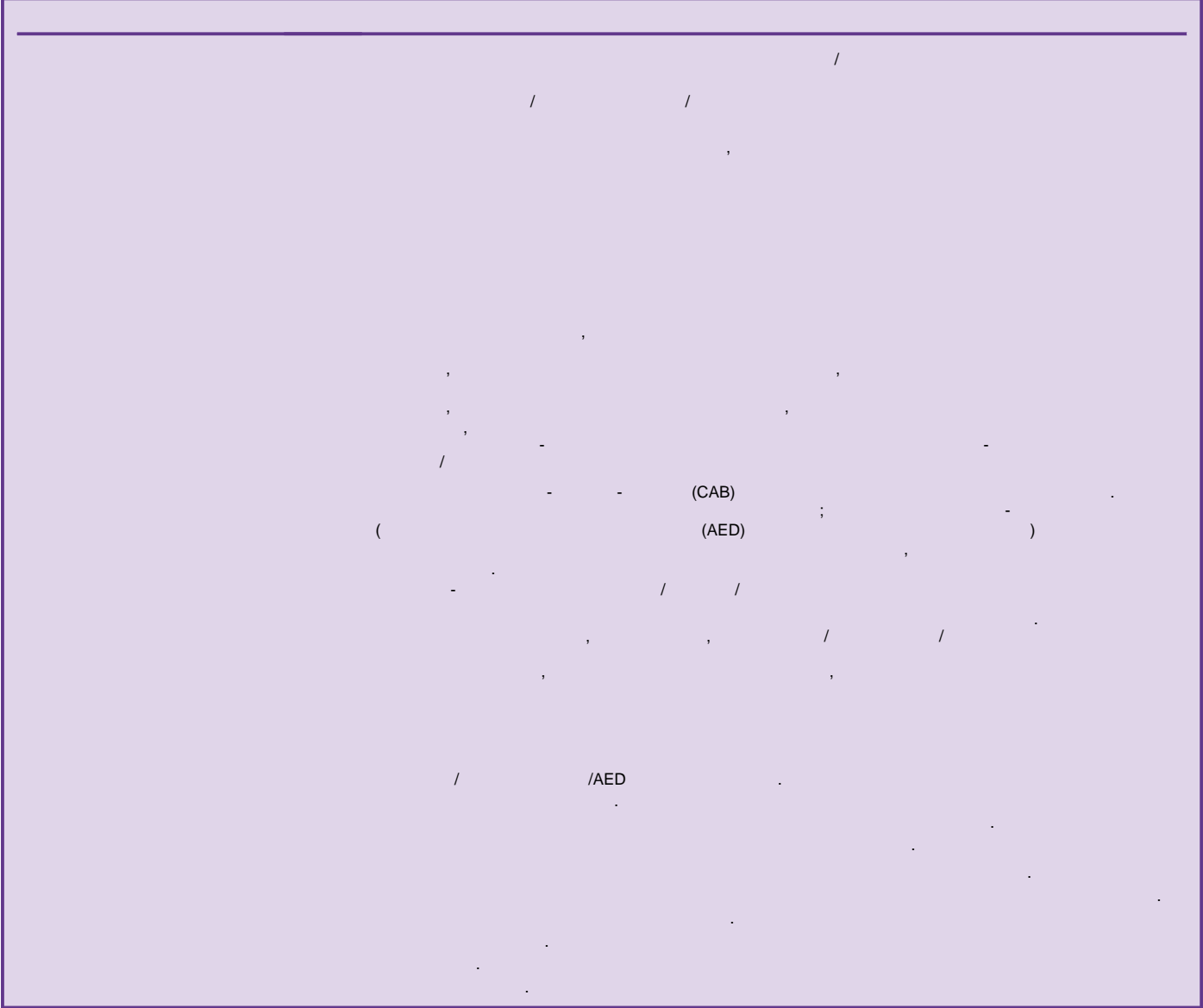
2.

3.

20 70

5.11

:



HESI:

:

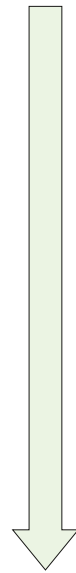
( ) -

- 1.
- 2.
- 3.
- 4.

)

(

A.



- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.

. 5.14

.( : . MSN, RN, , Elsevier-NHE.)

( )

( ( ) )  
( ( / d ) )

(  
/ d

( , 2021, 2

HESI:

I.

II.

III.

( ), ( .  
5.12).

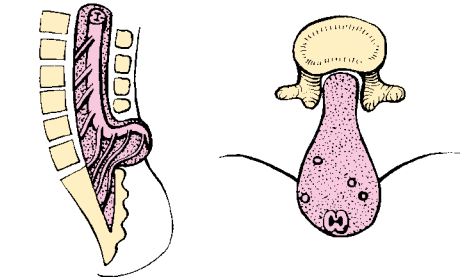
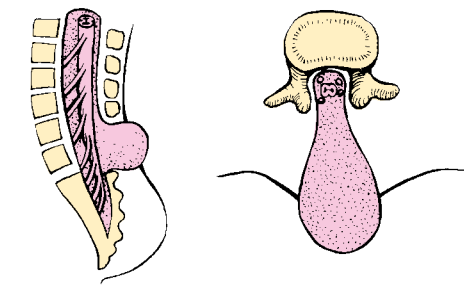
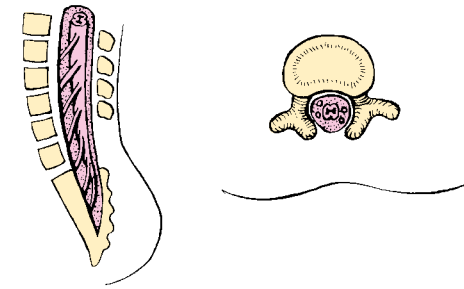
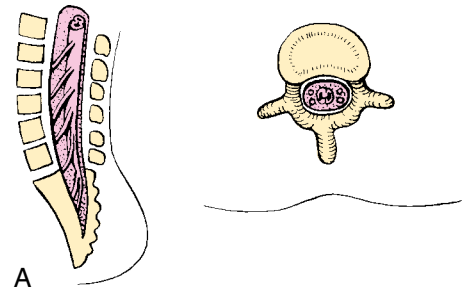
( ( . 7.4).





(  
2021, 23  
).

( .5.15).



. 5.15

( , . , ( ) , . [2013]. ( ) [9- ]. . ( )

1. (90% )

2. ,

3. ,

4. ,

5. ,

6. ,

1. ,

2. ,

3. ,

4. , 8

5. ,

6. ( 6 )

7. ( 6 )

8.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100. 101. 102. 103. 104. 105. 106. 107. 108. 109. 110. 111. 112. 113. 114. 115. 116. 117. 118. 119. 120. 121. 122. 123. 124. 125. 126. 127. 128. 129. 130. 131. 132. 133. 134. 135. 136. 137. 138. 139. 140. 141. 142. 143. 144. 145. 146. 147. 148. 149. 150. 151. 152. 153. 154. 155. 156. 157. 158. 159. 160. 161. 162. 163. 164. 165. 166. 167. 168. 169. 170. 171. 172. 173. 174. 175. 176. 177. 178. 179. 180. 181. 182. 183. 184. 185. 186. 187. 188. 189. 190. 191. 192. 193. 194. 195. 196. 197. 198. 199. 200. 201. 202. 203. 204. 205. 206. 207. 208. 209. 210. 211. 212. 213. 214. 215. 216. 217. 218. 219. 220. 221. 222. 223. 224. 225. 226. 227. 228. 229. 230. 231. 232. 233. 234. 235. 236. 237. 238. 239. 240. 241. 242. 243. 244. 245. 246. 247. 248. 249. 250. 251. 252. 253. 254. 255. 256. 257. 258. 259. 260. 261. 262. 263. 264. 265. 266. 267. 268. 269. 270. 271. 272. 273. 274. 275. 276. 277. 278. 279. 280. 281. 282. 283. 284. 285. 286. 287. 288. 289. 290. 291. 292. 293. 294. 295. 296. 297. 298. 299. 300. 301. 302. 303. 304. 305. 306. 307. 308. 309. 310. 311. 312. 313. 314. 315. 316. 317. 318. 319. 320. 321. 322. 323. 324. 325. 326. 327. 328. 329. 330. 331. 332. 333. 334. 335. 336. 337. 338. 339. 340. 341. 342. 343. 344. 345. 346. 347. 348. 349. 350. 351. 352. 353. 354. 355. 356. 357. 358. 359. 360. 361. 362. 363. 364. 365. 366. 367. 368. 369. 370. 371. 372. 373. 374. 375. 376. 377. 378. 379. 380. 381. 382. 383. 384. 385. 386. 387. 388. 389. 390. 391. 392. 393. 394. 395. 396. 397. 398. 399. 400. 401. 402. 403. 404. 405. 406. 407. 408. 409. 410. 411. 412. 413. 414. 415. 416. 417. 418. 419. 420. 421. 422. 423. 424. 425. 426. 427. 428. 429. 430. 431. 432. 433. 434. 435. 436. 437. 438. 439. 440. 441. 442. 443. 444. 445. 446. 447. 448. 449. 450. 451. 452. 453. 454. 455. 456. 457. 458. 459. 460. 461. 462. 463. 464. 465. 466. 467. 468. 469. 470. 471. 472. 473. 474. 475. 476. 477. 478. 479. 480. 481. 482. 483. 484. 485. 486. 487. 488. 489. 490. 491. 492. 493. 494. 495. 496. 497. 498. 499. 500. 501. 502. 503. 504. 505. 506. 507. 508. 509. 510. 511. 512. 513. 514. 515. 516. 517. 518. 519. 520. 521. 522. 523. 524. 525. 526. 527. 528. 529. 530. 531. 532. 533. 534. 535. 536. 537. 538. 539. 540. 541. 542. 543. 544. 545. 546. 547. 548. 549. 550. 551. 552. 553. 554. 555. 556. 557. 558. 559. 560. 561. 562. 563. 564. 565. 566. 567. 568. 569. 570. 571. 572. 573. 574. 575. 576. 577. 578. 579. 580. 581. 582. 583. 584. 585. 586. 587. 588. 589. 590. 591. 592. 593. 594. 595. 596. 597. 598. 599. 600. 601. 602. 603. 604. 605. 606. 607. 608. 609. 610. 611. 612. 613. 614. 615. 616. 617. 618. 619. 620. 621. 622. 623. 624. 625. 626. 627. 628. 629. 630. 631. 632. 633. 634. 635. 636. 637. 638. 639. 640. 641. 642. 643. 644. 645. 646. 647. 648. 649. 650. 651. 652. 653. 654. 655. 656. 657. 658. 659. 660. 661. 662. 663. 664. 665. 666. 667. 668. 669. 670. 671. 672. 673. 674. 675. 676. 677. 678. 679. 680. 681. 682. 683. 684. 685. 686. 687. 688. 689. 690. 691. 692. 693. 694. 695. 696. 697. 698. 699. 700. 701. 702. 703. 704. 705. 706. 707. 708. 709. 710. 711. 712. 713. 714. 715. 716. 717. 718. 719. 720. 721. 722. 723. 724. 725. 726. 727. 728. 729. 730. 731. 732. 733. 734. 735. 736. 737. 738. 739. 740. 741. 742. 743. 744. 745. 746. 747. 748. 749. 750. 751. 752. 753. 754. 755. 756. 757. 758. 759. 760. 761. 762. 763. 764. 765. 766. 767. 768. 769. 770. 771. 772. 773. 774. 775. 776. 777. 778. 779. 780. 781. 782. 783. 784. 785. 786. 787. 788. 789. 790. 791. 792. 793. 794. 795. 796. 797. 798. 799. 800. 801. 802. 803. 804. 805. 806. 807. 808. 809. 810. 811. 812. 813. 814. 815. 816. 817. 818. 819. 820. 821. 822. 823. 824. 825. 826. 827. 828. 829. 830. 831. 832. 833. 834. 835. 836. 837. 838. 839. 840. 841. 842. 843. 844. 845. 846. 847. 848. 849. 850. 851. 852. 853. 854. 855. 856. 857. 858. 859. 860. 861. 862. 863. 864. 865. 866. 867. 868. 869. 870. 871. 872. 873. 874. 875. 876. 877. 878. 879. 880. 881. 882. 883. 884. 885. 886. 887. 888. 889. 890. 891. 892. 893. 894. 895. 896. 897. 898. 899. 900. 901. 902. 903. 904. 905. 906. 907. 908. 909. 910. 911. 912. 913. 914. 915. 916. 917. 918. 919. 920. 921. 922. 923. 924. 925. 926. 927. 928. 929. 930. 931. 932. 933. 934. 935. 936. 937. 938. 939. 940. 941. 942. 943. 944. 945. 946. 947. 948. 949. 950. 951. 952. 953. 954. 955. 956. 957. 958. 959. 960. 961. 962. 963. 964. 965. 966. 967. 968. 969. 970. 971. 972. 973. 974. 975. 976. 977. 978. 979. 980. 981. 982. 983. 984. 985. 986. 987. 988. 989. 990. 991. 992. 993. 994. 995. 996. 997. 998. 999. 1000.

1.

2.

3.

4.

1.

2.

3.

4.

5.

( ),

6.

(  
2020,  
3

?)

( )

(  
, 2020, 13  
).

HESI:

1.

2.

3.

4.

5.

6.

7.

8.

9.

1.

2.

3.

4.

5. « »

6.

7.

8.

1.

1)

2)

3)

1)

2)

3)

2.

3.

4.

1.

2.

3.

( ).

38,6°C (100,5°F).

;

1.

1. ( )
- 2.
- 3.
4. ,
5. ,
- 6.
- 7.
8. -

30

1.  $\frac{4}{5-10}$
2.  $\frac{12}{5-10}$
3.  $\frac{4}{5-10}$
4.  $\frac{12}{5-10}$

2.

4 12

HESI:

3.

$\frac{1}{2} \left( \frac{1}{2} \right) /$   
 $\left( \frac{1}{2} \right), \left( \frac{1}{2} \right), \left( \frac{1}{2} \right)$   
 $\left( \frac{1}{2} \right), \left( \frac{1}{2} \right) /$

4.

HESI:

$$(\quad),$$

1.

$$( \quad \quad \quad 5.12).$$

1.  $\frac{1}{2} - \frac{1}{2} = 0$  ;

2. : ,  
 3. : ,  
 .  
 . :  
 ,  
 .  
 .  
 .  
 ( , 2021,  
 )

*Streptococcus pneumoniae* ( )  
*Group B Streptococcus* ( B)  
*Neisseria meningitidis* ( )  
*H.influenzae* ( )  
*Listeria monocytogenes* ( )

4. ( 2 )  
 1.  
 2. :  
 3. ,  
 4. ,  
 5.  
 6. ,  
 7. ,  
 8. , :  
 9.

( )  
 24

HESI:

( ),  
 )

Hib H.  
 influenzae.

1. ( )  
 2.  
 3.  
 4. ( )  
 5.

19 ,  
 ,  
 ,  
 ( 5.2).

15%

1. « » ) ( .  
 2. , , , ), , , ( , , ,  
 3. ,  
 4. ( ,  
 5. , )  
 6. ( ,  
 ) ( 3 2  
 )  
 1. ,  
 2. ( ,  
 3. ( )  
 )

2 6  
 ( [ACCO], 2021,  
 )

5.3

HESI:

(1982) . (1982).

40% 5-80%.

( ),

HESI:

- 1.
- 2.
- 3.

3500

3 6

1

X-

( )

. CDC. : <https://www.cdc.gov/ncbddd/musculardystrophy/index.html> Acsadi, G. Rare Disease Database. Duchenne Muscular Dystrophy. National Organization of Rare Diseases (NORD) Duchenne. 8 2021

<https://rarediseases.org/rare-diseases/duchenne-muscular-dystrophy/>

A.

. ( ) .  
 " " ; , ( )  
 . - ( )  
 . ( , , );  
 : <https://www.mda.org/>.  
 . : , , , ,  
 . : , , , ,  
 . ( 5.13) , HESI:

- |      |       |
|------|-------|
| 1. ? | 7. ?  |
| 2. . | 8. .  |
| 3. ? | 9. ?  |
| 4. ? | 10. ? |
| 5. . | 11. . |
| 6. ? | 12. ? |
|      | 13. . |
|      | 14. ? |

6. , :  
 1. :  
 2. ( ) -  
 3. Streptococcus pyogenes. S.  
 4. 3  
 5. A. ( <3  
 , / )  
 S. pyogenes. -  
 C.

- |          |                                |
|----------|--------------------------------|
| 1. : ( , | 10 , 3<br>( , 2021,<br>[GAS]). |
| 2. ( )   |                                |
| 3. , )   |                                |
| 4. .     |                                |
| 5. ,     |                                |

5.13

:

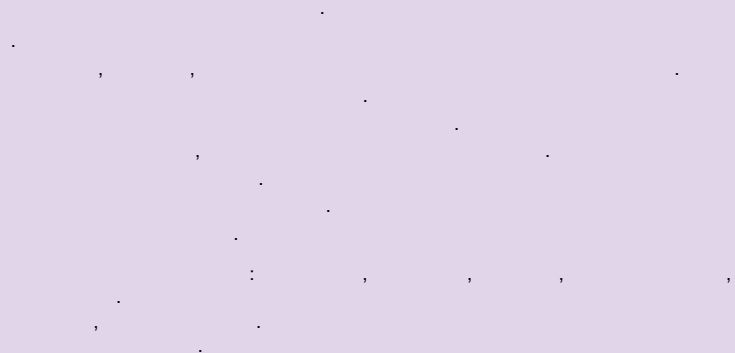
$$\begin{pmatrix} ( & ) \\ ( & ) \end{pmatrix}$$

,

(A, B, C).

$$\begin{pmatrix} ( & ) \\ ( & ) \end{pmatrix}$$

:



( ).

HESI:

4-10 ).

).



1.

2.

5.14

1.

2.

1.

2.

2-3

1.

2.

3.

1.

2.

( )

coli).

Escherichia coli (E. coli)

1.

2.

3.

4.

5.

6.  
7

7.

1.

2.

2.  
3

3.  
4.

4.  
5.

5.

6.

5.14

( )

( )

:

( ) -

,

(

5.15).

10%

-

1.

2. ( )

3.

4. ,

5.

6. (

, 2021,

).

3-4

5

)(

).

(

)

,

( )

40%

18%

24%

25%

10%

, 2021,

).

1.

2.

1.

2. (

, 2018,

).

5.15

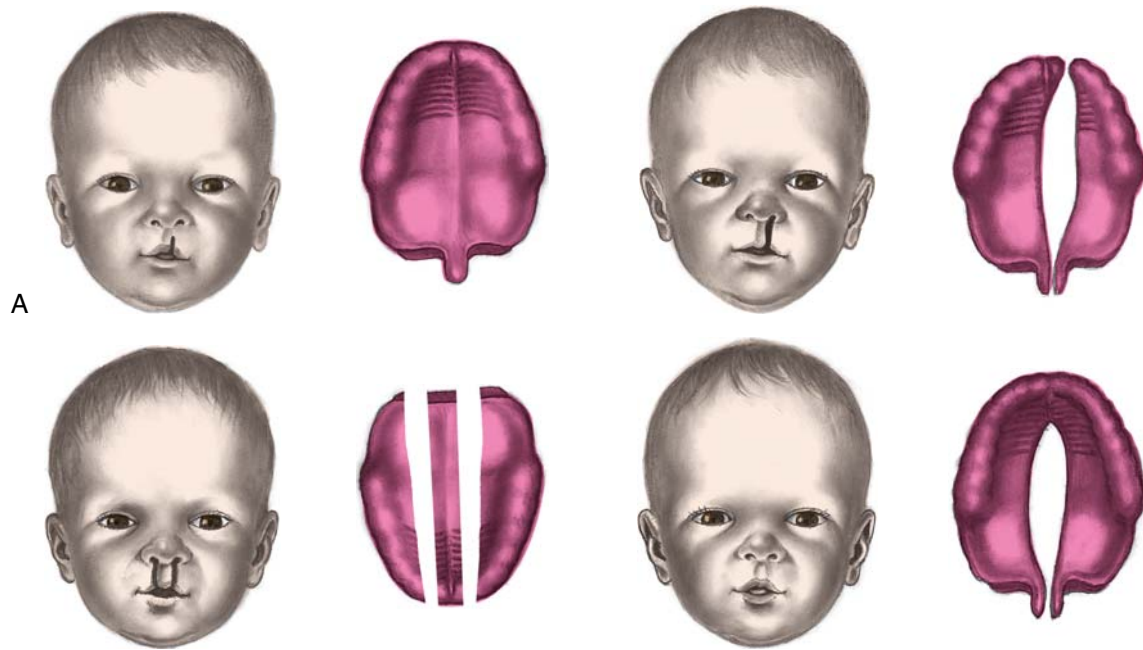
- 
- 
- 
- 
-

1.  $(\quad)$
2.  $\frac{1}{2}$
3.  $\frac{1}{2}$
4.  $\frac{1}{2}$
5.  $\frac{1}{2}$
6.  $\frac{1}{2}$
7.  $\frac{1}{2}$
8.  $\frac{1}{2}$

1.  
2.  
3.  
4. (" - "),  
5.  
6.  
7. HESI:  
8.  
9.  
10. 10-12  
3

),  
mours Kids Health, 2021,  
).

HESI:



. 5.16

[9- . ( . - : ' . )]

. ( ) ; . [2011].

. ( )

. ( ) . ( )

4.

5.

6.

( )

:

( . 5.17)

1.

2.

3.

1.

2.

3.

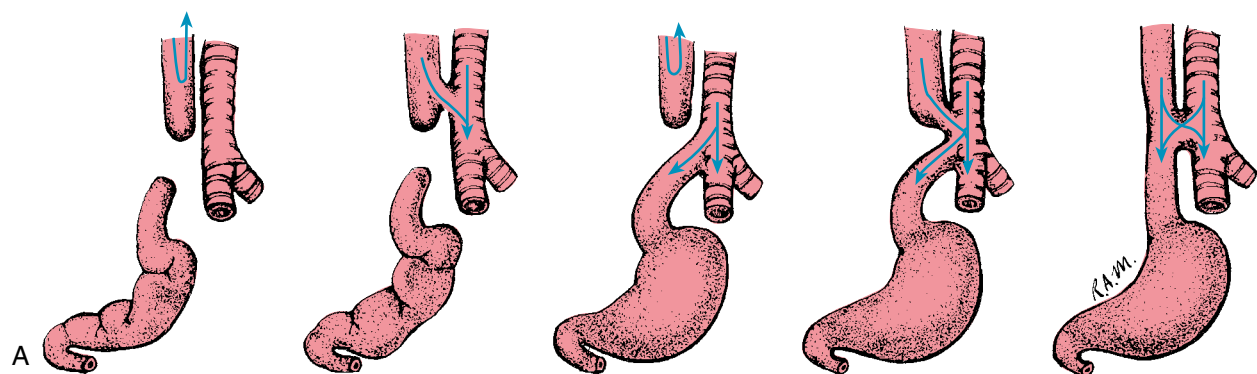
4.

5.

1.

2.

3.



A

( ) .5.17

, ( )  
, ( )  
, [2013].

, ( ) , ( )

[9- .]. - ' : " .)

2)

pH

1.

2.

3.

1.

1.

2.

3.

4.

5.

( ; 2021b,

).

( ; ).

3



IgA),

(HSCR).

( )

( ).

HSCR

HSCR.

24-48

1.

2.

3.

4.

1.

30-40%

HSCR.

HSCR,

90%

HSCR

10%

HESI:

24-48 ( ).

NORD, 2017, <https://rarediseases.org/rare-diseases/hirschsprungs-disease/>

1.

2.

3.

4.

5.

6.

1.

2.

3.

24

2

( )

1.

2.

3.

4.

5.

6.

7.

8.

?

?

?

?

1.

2.

3.

4.

- 1.
- 2.
3. ( )

- : 14-24 /
- : 9,5-14 /
- : 10,5-15 /

$$\begin{pmatrix} \vdots \\ \vdots \\ \vdots \end{pmatrix} = \begin{pmatrix} \vdots \\ \vdots \\ \vdots \end{pmatrix},$$

2. \_\_\_\_\_,

VIII (8),  
,  
,  
( ).

;  
(CDC, 2021).

$$\frac{1}{2} \left( \frac{1}{2} \right)$$

1. ( ) .

2. 25%

4.  $\frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$
5.  $\frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$
6.  $\frac{1}{2} \cdot \frac{1}{3} = \frac{1}{6}$

TEST: (

| Response | Percentage |
|----------|------------|
| A lot    | 50%        |
| Some     | 25%        |
| Not much | 25%        |

6

S ( )

1. ( . 5.18).
- 2.
3. ( , 2021c, ).

HESI:

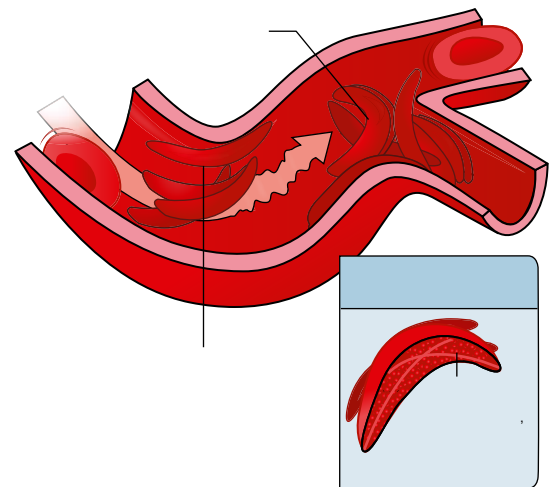
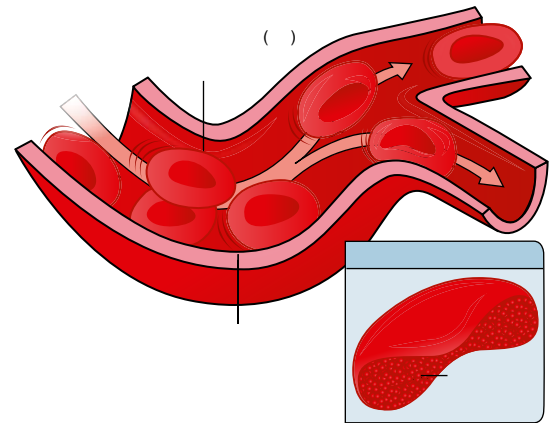
HESI:

( ) -  
 ( ) -  
 ( ) -

6

. 5.18

. ( )



- 1.
- 2.
3. - ( );
4. ( )
- ( )
- 1.
- 2.
- 3.

( ) , ( ) .  
<http://www.nhlbi.nih.gov/health/health-topics/topics/sca>

- 4.
- 5.

1.

- 2.
- 3.
- 4.

- 5.
- 6.

( ).



( )

|    |   |
|----|---|
| 1. | - |
| 2. | - |
| 3. | - |
| 4. | - |

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12.

HESI: ( 4)

1. 2. 3. 4. 5. (ATA), 2021, ). 1. 2. 3. 4. 5. 2500

HESI:

( )

1.

2.

3.

4.

(

, 2021,

( ).

HESI:

1

( ),

( ).

1

)

HESI:

( 1)

NCLEX-RN.

>120 / ).

1.

2.

3.

HESI:

/

4.

5.

1.

2.

1.

2.

3.

4.

5.

6.

/

1.

2.

3.

( ).

, 2021d,

1

" ":

1.

2.

3.

( )

4.27.

1. ?
2. ?
3. ?
4. ?
5. ,
6. ?

7. ?
8. .
9. ,
10. ?
11. .

4,4  
7,9  
1  
45,4%  
(American Society for Preventive Care of Children, 2021, ).

- ( ):
- ( ):
1. :
  2. ( :
  3. ):
  4. , :

[https://www.amboss.com/us/knowledge/Pediatric\\_fractures](https://www.amboss.com/us/knowledge/Pediatric_fractures)

HESI:

- ( - )
- ,

1. :
2. :
3. :
4. ( , )
5. :

1. :
2. :
3. :
4. ( ):
5. : ,
6. : ( 5.16).
7. ,

HESI:

- ( ),

- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.

1. :

HESI:

1

1

/  
 PO, / , /  
 PO

[illegible]

,

,

- 1.
- 2.
- 3.
- 4.

•

NCLEX-RN

4. 6 2

HESI:

a.

25



A

B

5.19

25 45

45-50

300 000

16

17

6

39,44 °C (103°F)

5

- 1.
- 2.
- 3.
- 4.
- 5.
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.

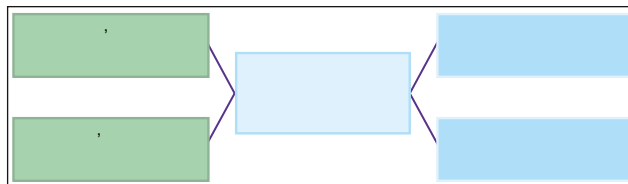




- 6-

, 2

, 2



- (17 8 (7,9 ))
- (CDC, <https://www.cdc.gov/vaccines/parents/by-age/months-6.html>)
- ( ) (3- )
- b (Hib) (3- )
- ( ) (3- )
- ( 13) (3- )
- ( ) (3- )

15 / / 02 6 2 6 ,  
 ; 150 / / D5 0,45% 10  
 ,

| 2-6 / |      |  |
|-------|------|--|
|       |      |  |
|       |      |  |
|       | <50% |  |
|       |      |  |
|       |      |  |

(ACCO). (2021). 21  
 2021 . <https://www.acco.org/brain-cancers/>  
 : . (2021). 4 2021  
<https://americanspcc.org/child-abuse-statistics/>  
 (2021). 21  
 2021 . <https://www.thyroid.org/congenital-hypothyroidism/>  
 , . (1999).  
 , 15 (4), 297-303. <https://doi.org/10.1097/00002508-199912000-00006>. PMID: 10617258.  
<https://www.herzing.edu/become/pediatric-nurse>  
 , , , , . (2015).  
 , 19 (4), 473-479. <https://doi.org/10.1002/ejp.569> Epub 29 2014. PMID: 25070754.  
 . (1982).  
 , 1982:

. MMWR. Morbidity and Mortality Weekly Report, 31(22), 289-290.

<https://www.cdc.gov/mmwr/preview/mmwrhtml/00001108.htm#w:~:text=First%20recognized%20about%2019%20years,infections%2C%20particularly%20influenza%20and%20chickenpox.>

. (2019).

8 2021  
<https://www.cdc.gov/safecild/poisoning/index.html>

. (2021c).

<https://www.cdc.gov/nceh/lead/data/blood-lead-reference-value.htm>

. (2021d).

[https://www.cdc.gov/ncbddd/cp/facts.html#w:~:text=Cerebral%20palsy%20\(CP\)%20is%20a,problems%20with%20using%20the%20muscles](https://www.cdc.gov/ncbddd/cp/facts.html#w:~:text=Cerebral%20palsy%20(CP)%20is%20a,problems%20with%20using%20the%20muscles)

. (2021e).

<https://www.cdc.gov/groupastrep/diseases-public/rheumatic-fever.html#diagnosis>

, . (2021, 18 ).

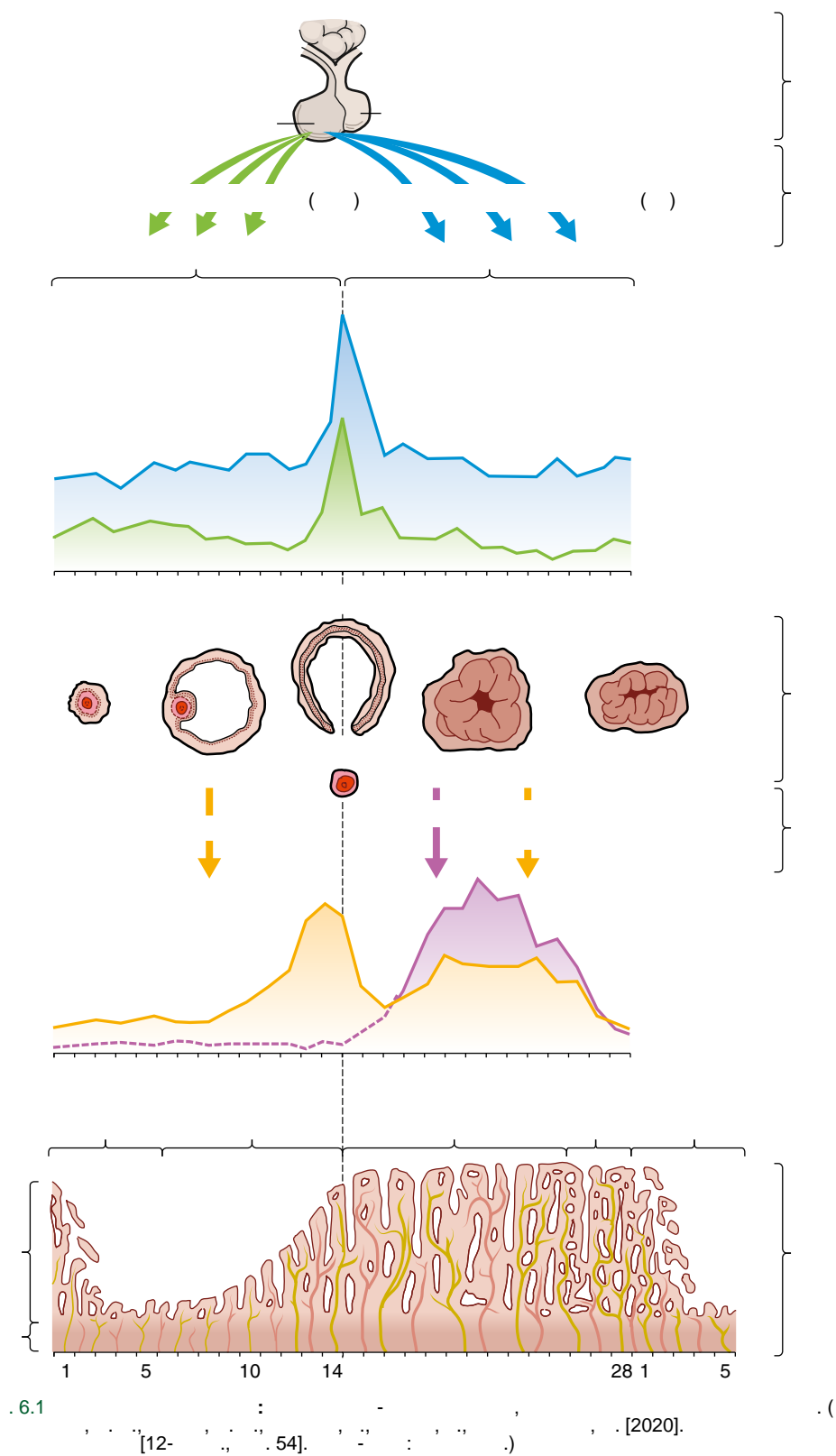
. Verywell mind.

7 2021  
<https://www.verywellmind.com/erik-eriksons-stages-of-psychosocial-development-2795740>









HESI:

4-5

24-48

3

1.

7-8

2

4

60-70

280

(40

)

266

(38 )

1.

7

28-

3

12 13

1.

12

2.

:

13

27

3.

:

28

40

( 23

),  
46

18-24

( )

30

A.

1.

2.

3.

( ).

4.

5.

6.

1 2

1.

a.

A. \_\_\_\_\_

2 8

1.

3

( , , ).

9

( .6.2).

A. \_\_\_\_\_ ( ):

\_\_\_\_\_ ( \_\_\_\_\_ ):

4

(

6-8

\_\_\_\_\_, ( \_\_\_\_\_ ):

A. \_\_\_\_\_ :

( )

( - ).

2.

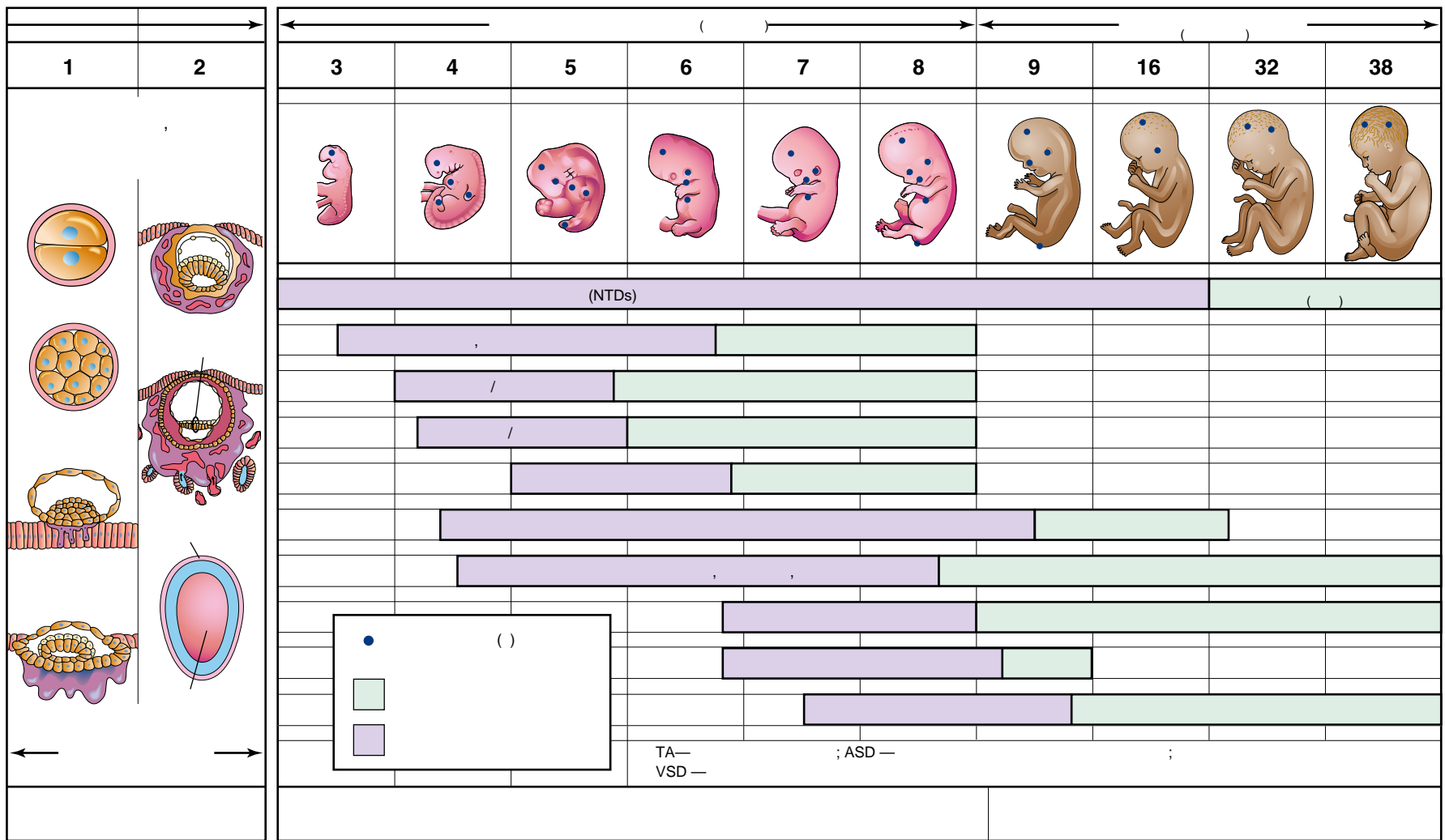
a.

(

);

).

/



6.2 [2016]. [9-]. Elsevier.)

3. a.

HESI: /

- A.
1. 24 27 20
  - 2.
  3. 16
  4. ( )
  5. ( ) 16 20
  - 6.
  7. 50% 12
  - 8.
  9. 400 700
  10. 800 ( )
  11. 16 32 24-32
  12. 14-16
  13. 0,5
- 1.

6.1 :



2. a. . . . .  
3. a. . . . .  
( ), ( ) /  
( ).

1) . - ( )  
) 15 20  
) - 16 18  
)  
)  
2) 21 ( )  
( ).  
)  
“ ” 16  
18  
)  
)  
)  
)  
)

3) 24 28 ,  
4) .  
5) - ,  
6) .  
A. 1. 28 32 , 1 3-4  
36-38 2-3  
2. 30-50%  
3. 30 40-50% 32  
4. ,  
5. .  
6. ,  
7. .  
8. .  
9. .  
10. .  
11. 36  
12. .  
13. .  
1. , , , ,  
2. a. , ,

1) 2) 3) 4) 5)

1) 2) 3)

38°C

HESI: ( )-

3.

a.

( , ))).

( 6.2).

6.2 :

( , )

( )

( , )

1.

2.

3.

1.

2.



10. ( )

a.

11. ( )

12.

13.

1. : - ) (

2. : - ) 1+ ( )

3.

1. 1 2

2. 0,5

3. ( ) 11-16

1. 10 12 :

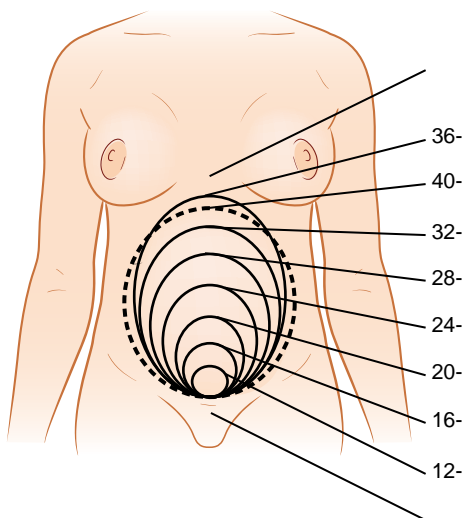
2. 15 20 :

3. 110 160 :

HESI:

( )

110 160



. 6.3

5- : ; 2010)

1.

2.

3.

4.

a.

5.

a. ( , ) <45 >90 ,

6.

c.

1.

340-450 ( )

2.

3.

60

. 27

( 6.1)

-1000

-770

- 600

( ).

8 10

1) 3

2) 3

3) 4 5

4) 9 11

5) 3 4



2 0

8 10

A.

1.

a.

( 21), ( ).

1.

2.

3-4

60

( - ( ): ).

.(  
.)

3.

; 21

2.

a.

/ (L/S):

4.

5.

L/S 2:1

L/S ( ):

1.

2.

35

3.

a.

28 ( )

: ( ) -

10 ' 12

( )

( )

A.

1.

1.

1.

2.

( )

2.

.(

3.

3.

10

.)

4.

4.

5.

6.

1.

1%,

7.

2.

8.

3.

30 - 1

Rho(D),

4.

10.

( , ).

1.

1%,

2.

3.

4.

5.

15 20

( , )

), ( , )

- : (NST) - 10 ,
- ( )
- 20 40 ,
- A. 1. 15 15
- 20- (R-NST)
2. 15/15 (NR-NST)

HESI:

(5 90 ). 10

- B. 1. 2. 3. 4. 5. 1-3
- a. 5- / NST.

- : ( ) -
- 2 0
- A. 1. 8 10
1. 2. 3. 4. 5. 8 10

1. (OCT) - (CST)
- 10 (CST) , 50%

HESI: (PUBS) -

1. 2. 3. 4. 5. 10 10

1. ? (BPP)?
2. 3. ?
4. (CVS) ?
5. - ( ) ?
6. ? (NST)?
7. 8. ? "

9. ( )



1.

2.

3.

A.

1.

2.

3.

1.

2.

3.

4.

A.

1.

2.

3.

12

4.

5.

6.

7.

1.

1.

1.

1.

1.

2.

a.

38°C

3.

6-12

HESI:

2%

6.3

1. 80-250

1. :

2. :

3. : (

1. ( - ( )

2. [ ]

3. ( )

4. ( , )

1. 200

1. ( ):

2. :

3. : 2,5

4. : ,

1. ,

2. ,

3. ,

4. ,

( 6.3-6.5).

HESI: 32-

100 / ?

1. ( )

2. ( )

3. )

4. )

5. )

6. )

HESI: - -

( - ) 3:

20-

20-

1. 2-8%

2. 2-8%

3. >140/90 4 20-

>160

110

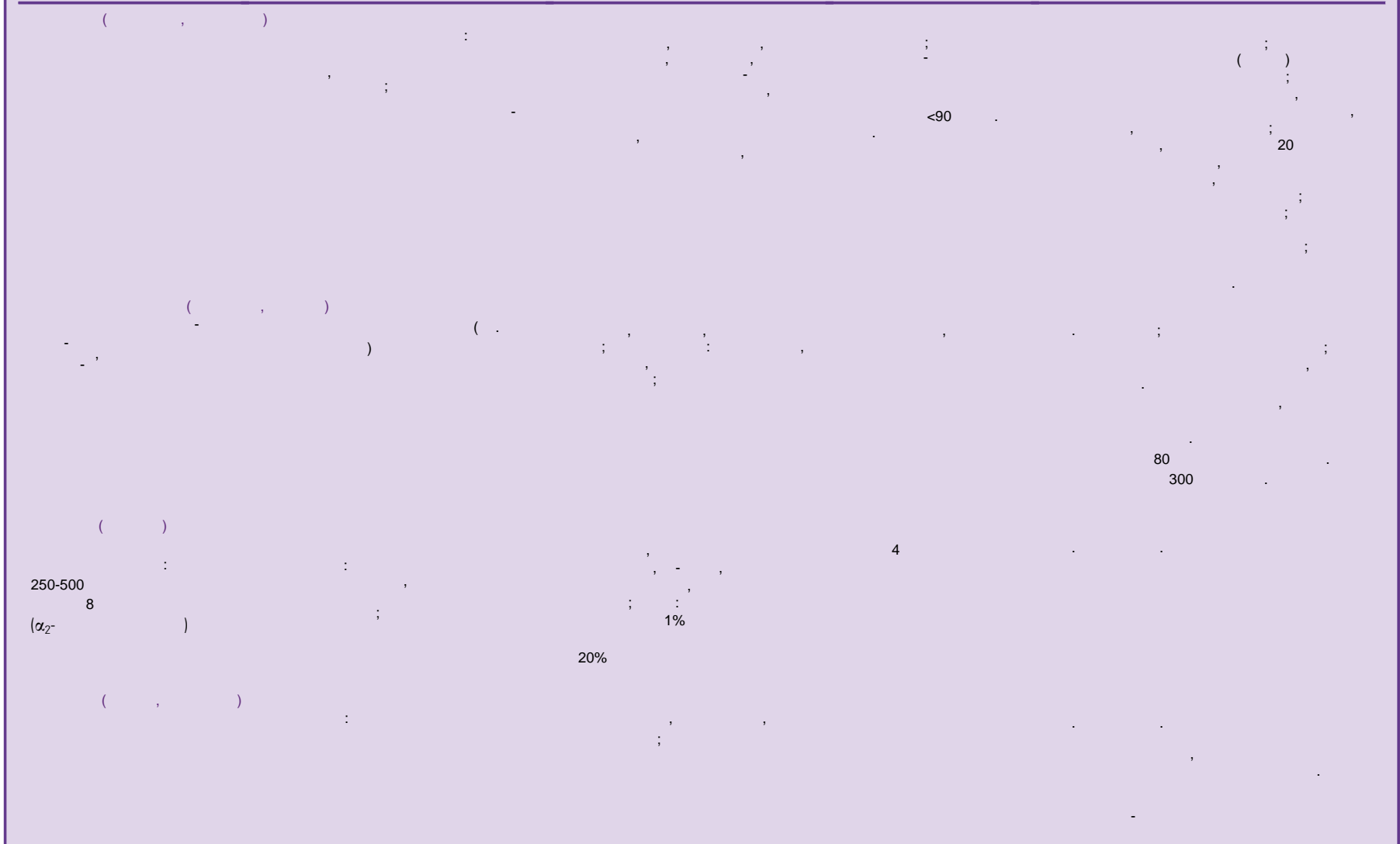
6.4

( )

( )



## 6.6



AWHONN (3- (2013). : Wolters Kluwer/Lippincott Williams & Wilkins; (2014). (12- ). AWHONN (4- (2017). : Lippincott Williams & Wilkins; (7- ). (2017). (2020). ( ).

## 6.7

## HELLP-

|                         |                               |                          |                             |
|-------------------------|-------------------------------|--------------------------|-----------------------------|
| , ( / 3)<br>( ), ( )    | 12-16 / , 37%-47%             | <100,000/ <sup>3</sup> ↑ | ↓<br><100,000/ <sup>3</sup> |
|                         | 150,000e400,000/ <sup>3</sup> |                          |                             |
| - - ( )<br>( )          | 12-14 , 60-70                 | 300-600 /                | ↓                           |
|                         | 200-400 /                     |                          |                             |
| ( )<br>( )              | 10-20 /                       | ↑                        | ↑                           |
|                         | 0.5-1.1 /                     |                          |                             |
| ( ) <sup>a</sup><br>( ) | 45-90 /                       | ↑                        | ↑ (>600 / )                 |
|                         | 4-20 /                        |                          |                             |
| ( )<br>( )              | 3-21 /                        | ↑                        | ↑ (>70 / )                  |
|                         | 80-125 /                      |                          |                             |
| ( )                     | 2-6.6 /                       | >5.9 /                   | >10 /                       |
|                         | 0.1-1 /                       |                          |                             |
|                         |                               | ↑                        | ↑ (>1.2 / )                 |

LDH

(12-33: (2020). (ACOG). (2002).  
 (2004). (2013). : ACOG;  
 ; (2019). (4-122(5), 1122e1131;  
 AWHONN (4-). : Wolters Kluwer.

1. 48
2. 24
3. 1:1.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10.
- 11.
- 12.
- 13.
- 14.
- 15.
- 16.
- 17.
- 18.
- 19.
- 20.
- 21.
- 22.
- 23.
- 24.
- 25.
- 26.
- 27.
- 28.
- 29.
- 30.
- 31.
- 32.
- 33.
- 34.
- 35.
- 36.
- 37.
- 38.
- 39.
- 40.
- 41.
- 42.
- 43.
- 44.
- 45.
- 46.
- 47.
- 48.
- 49.
- 50.
- 51.
- 52.
- 53.
- 54.
- 55.
- 56.
- 57.
- 58.
- 59.
- 60.
- 61.
- 62.
- 63.
- 64.
- 65.
- 66.
- 67.
- 68.
- 69.
- 70.
- 71.
- 72.
- 73.
- 74.
- 75.
- 76.
- 77.
- 78.
- 79.
- 80.
- 81.
- 82.
- 83.
- 84.
- 85.
- 86.
- 87.
- 88.
- 89.
- 90.
- 91.
- 92.
- 93.
- 94.
- 95.
- 96.
- 97.
- 98.
- 99.
- 100.

HELLP:

(H), HELLP (EL)  
 (LP).

4. \_\_\_\_\_.
5. \_\_\_\_\_.

6. 38  
40

2.  $\frac{10}{100} \times 5\%$  .

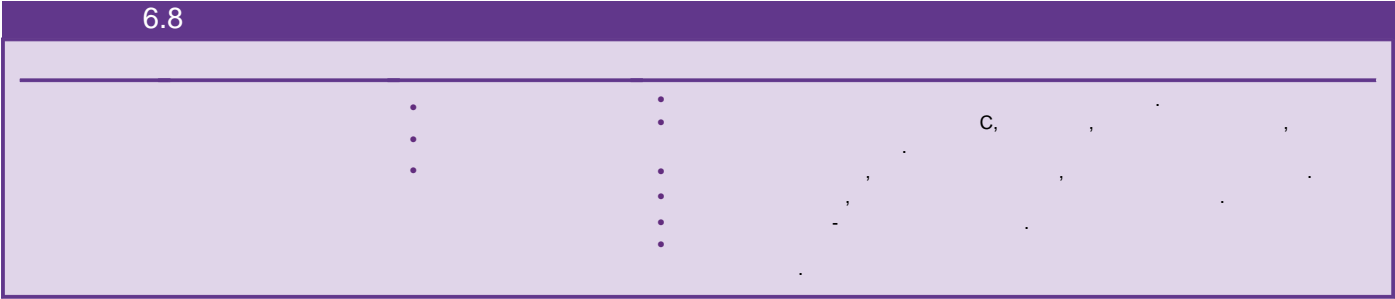
4.  $\frac{1}{2}$  ( )  
5.  $\frac{1}{2}$  ( )

HESI: 24

---

20-50% ;

HESI: 24



1.  $<11$  / ,  $<37\%$  ,

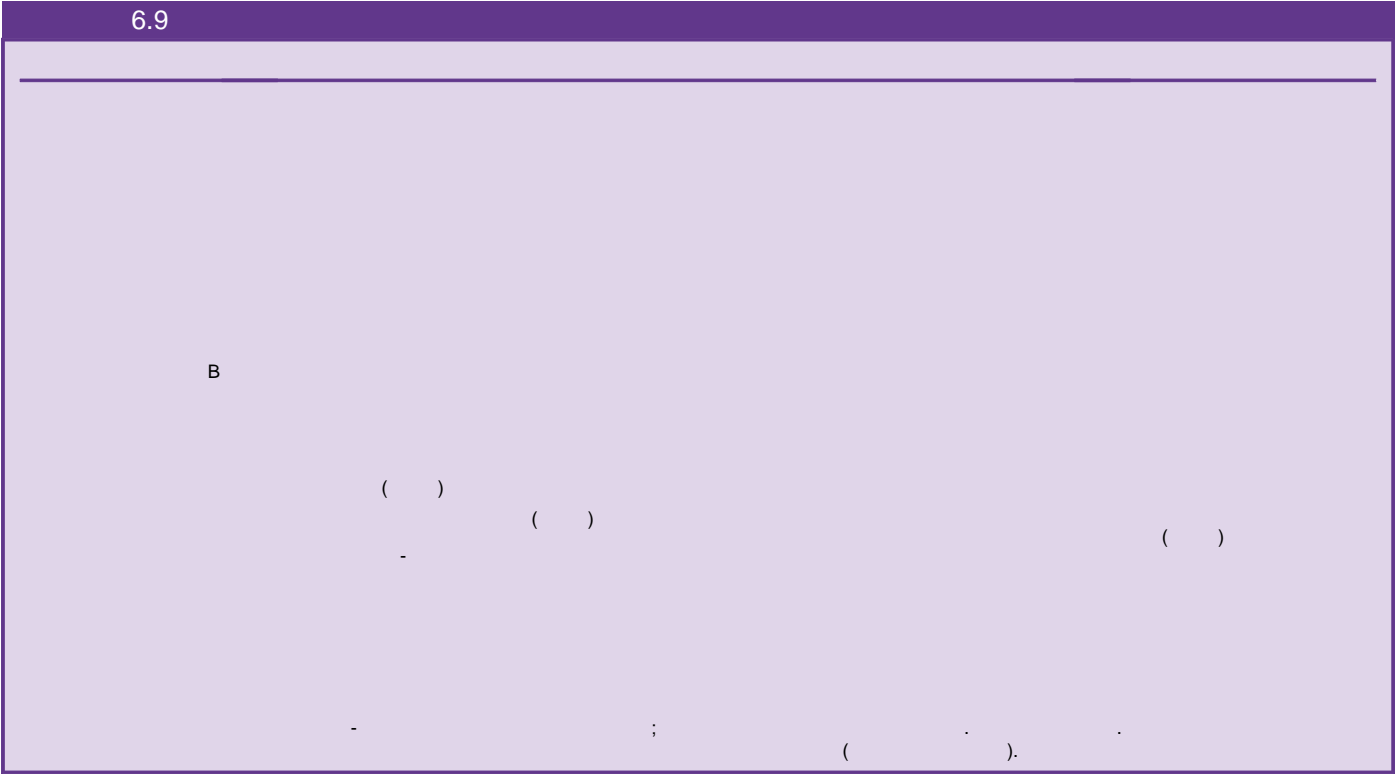
1.  $<10,5$  / ,  $<35\%$  ( ) ,

1.  $<33\%$

1. ( 6.8). ( 6.9).

TORCH : TORCH - ( ) , ( ) , ( 6.10).

( 4 / ).



(12- ). - : (2011). (2020).

(5- (7- ).

## TORCH:





TORCH - (12- ). (2020). (2013). (7- ).

B B ( ) 25% / 1. 2. 3. 4. 5. 1. ( , , , TORCH), ( ), , 2. ( )

10. ,

11.

12.

13.

14.

15.

.

:

5 :

1. ( )

2. ( )

3. ( )

4.

5.

.

: 10

( . 6.11)

. : 0-3

. : 4-7

. : 8-10

. :

10

.

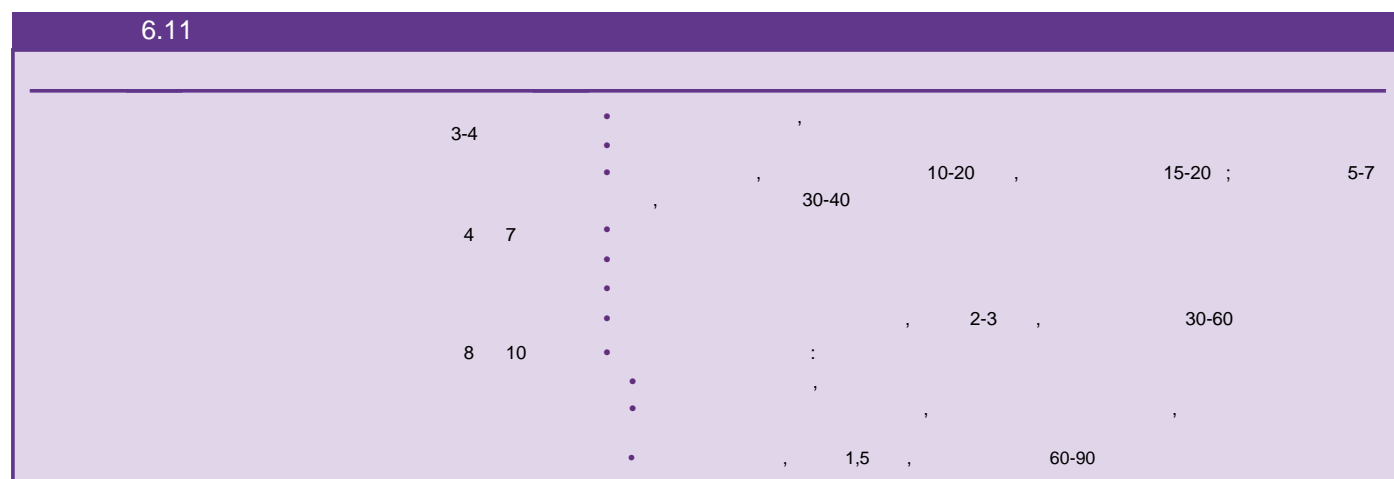
:

. :

. : 1-2

( )

1. ,



2. , ( , , )  
3. , ( , , )

1. ( ) - ( ).  
2. ( .6.7).  
3. ,

1. ( - ( )  
2. ) - ( .6.8).  
3. 0-  
4. ,  
5. , « »

1. , ( ,  
, ) ( .6.4)  
2. 1.5 6.2)  
3. ( .  
4. ( ).  
5. ( ).  
6. ( )

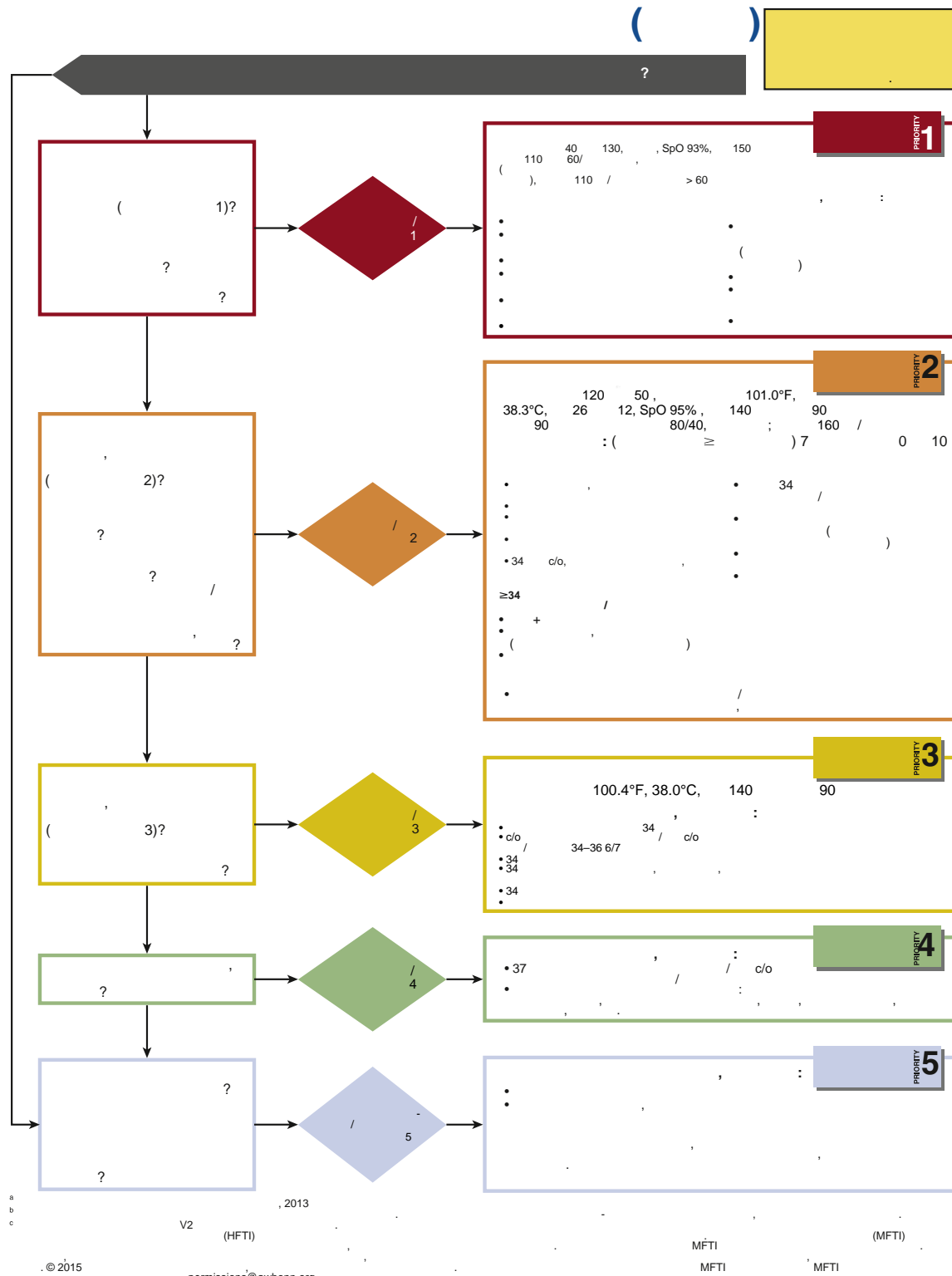
1. ( , , , B  
, - ),  
2. :  
3. ,  
4. ( . 6.2, . 6.5).  
5. ( ) : ( ( ), ;  
6. ( . 6.6). ( . 6.6)

1. ( , , , B  
, - ),  
2. :  
3. ,  
4. ( . 6.2, . 6.5).  
5. ( ) : ( ( ), ;  
6. ( . 6.6). ( . 6.6)

HESI:

1. ( , , , B  
, - ),  
2. :  
3. ,  
4. ( . 6.2, . 6.5).  
5. ( ) : ( ( ), ;  
6. ( . 6.6). ( . 6.6)

0 10

a  
b  
c

V2 (HFTI)

, 2013

© 2015

permissions@awhonn.org.

MFTI  
MFTI

(MFTI)

MFTI

. 6.4

(MFT) (

19.3 Lowdermilk). (

[AWHONN]  
AWHONN.

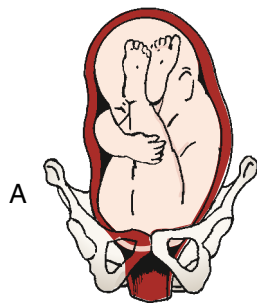
[www.awhonn.org]. AWHONN

PDF-

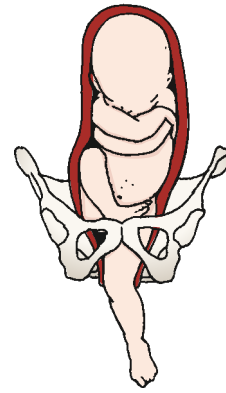
MFTI

permissions@awhonn.org.)



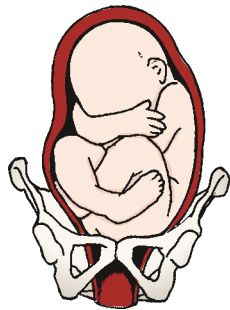


A

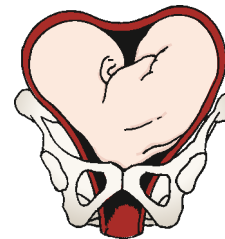


：  
：（ ）  
：，

：  
：（ ）  
：，



：  
：（ ）  
：（ ）  
：



：  
：  
：

. 6.6

. (A- )

( )

. ( )

2)

1.  
2.

3)

3.

1.

( . 6.12)

2.

/

15

15

1)  
2)  
3)

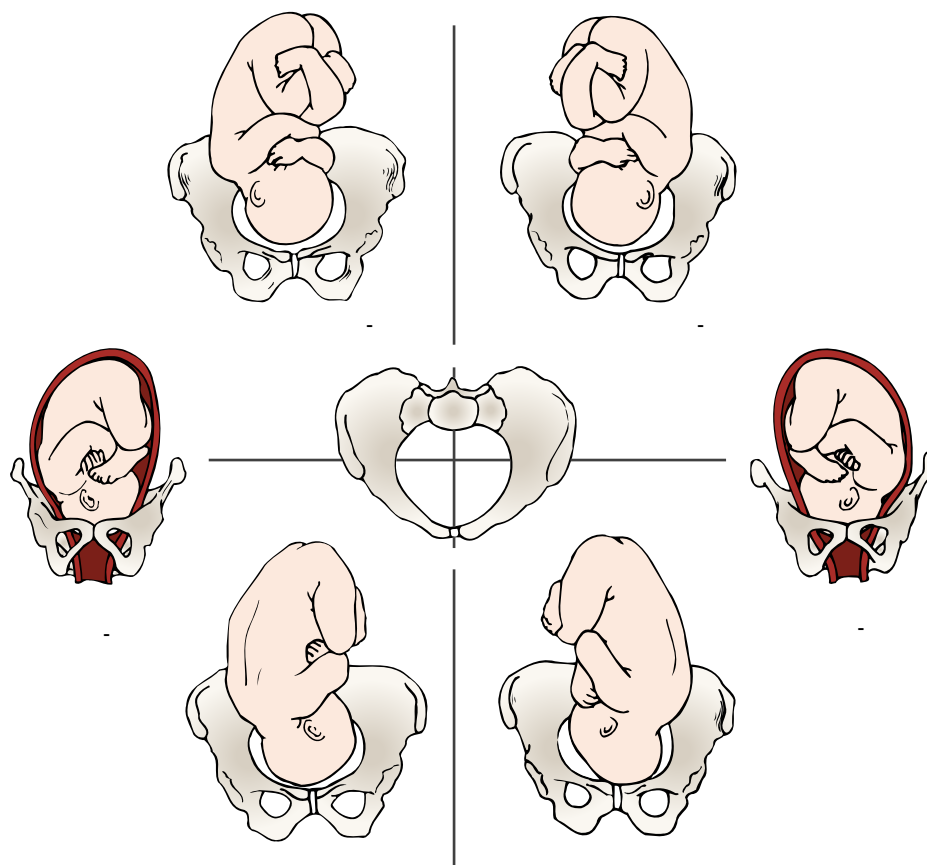
1.

2.

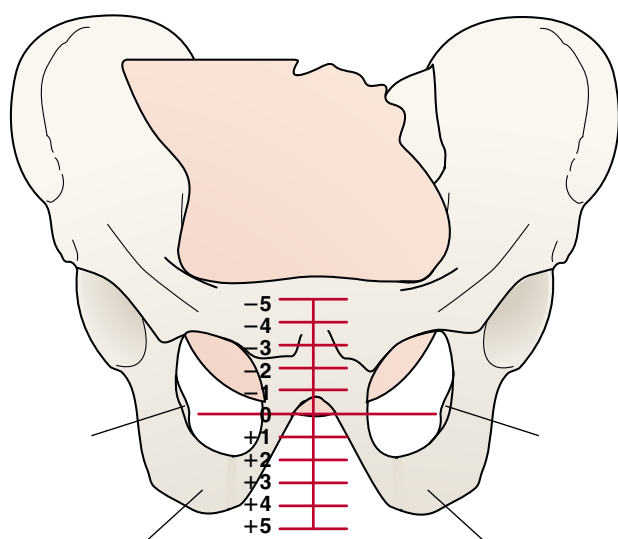
1)

30  
( ) ( . 6.13)

( )

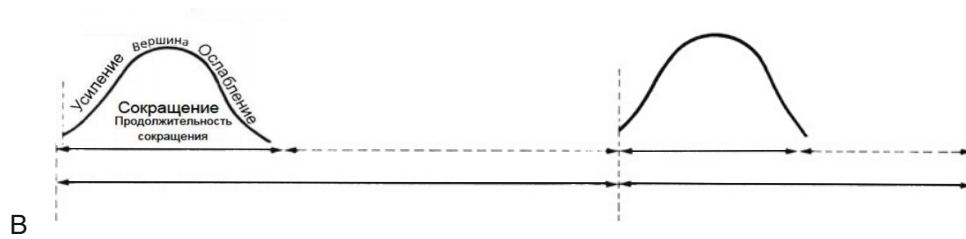
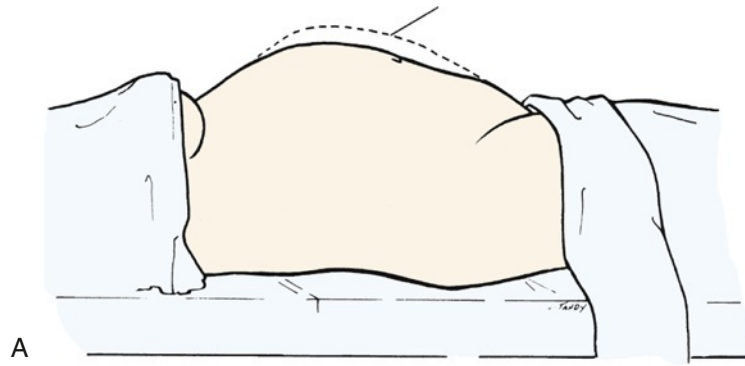


. 6.7



. 6.8

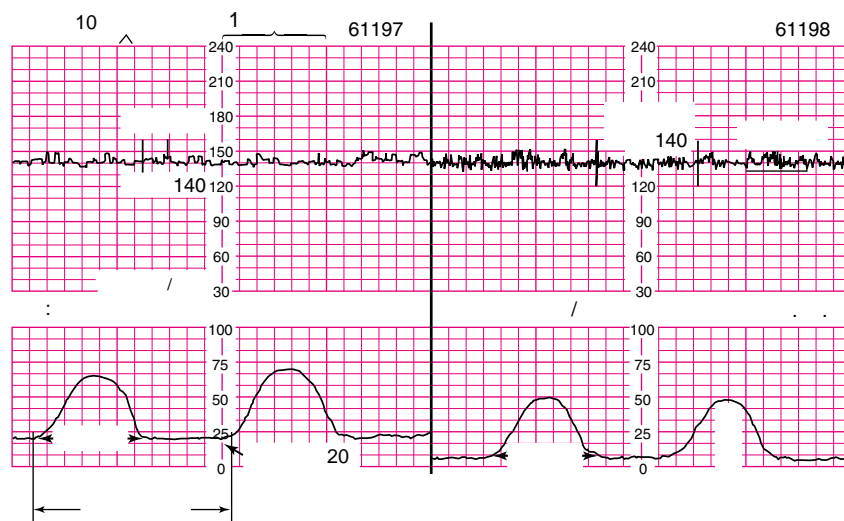
3. ( , [ 20-40 ] )
1. ( 110 ) / 10 )
2. ( )



6.9  
(B)  
[2020].

(A)

[12- " , . 388].

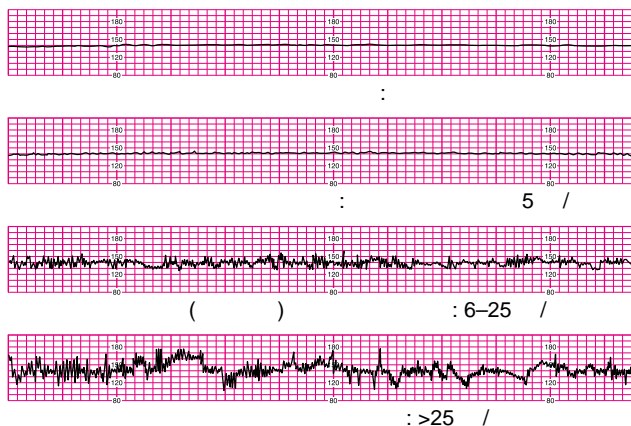


6.10  
(A)

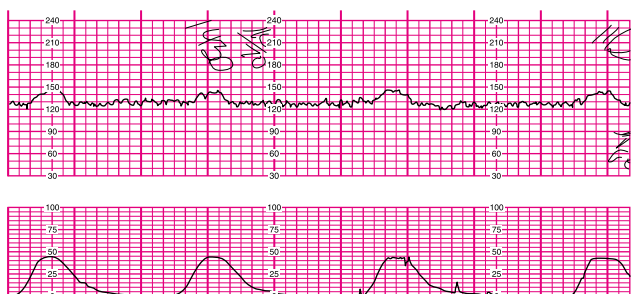
( . . . [2013].

[7-





. 6.11

, . .) [2013].  
[7- .]. - :

. 6.12

. ( , , , . [2013].  
[7- .]. - :

3.

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

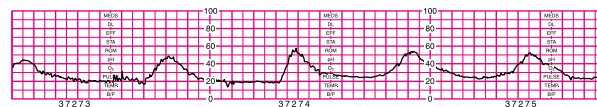
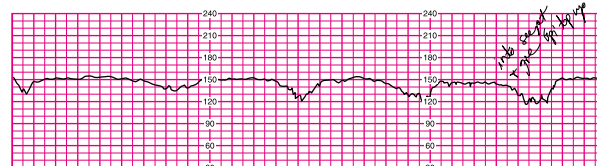
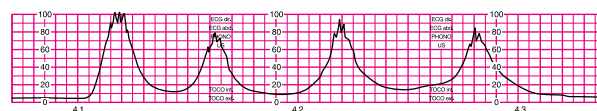
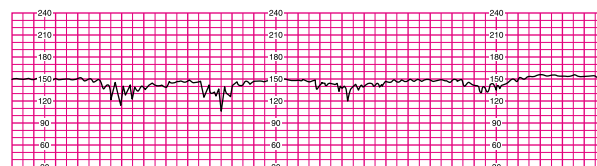
2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60



. 6.13 (A)

( , , , . [2013].  
[7- .]. - :

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60

1. 160 / 10

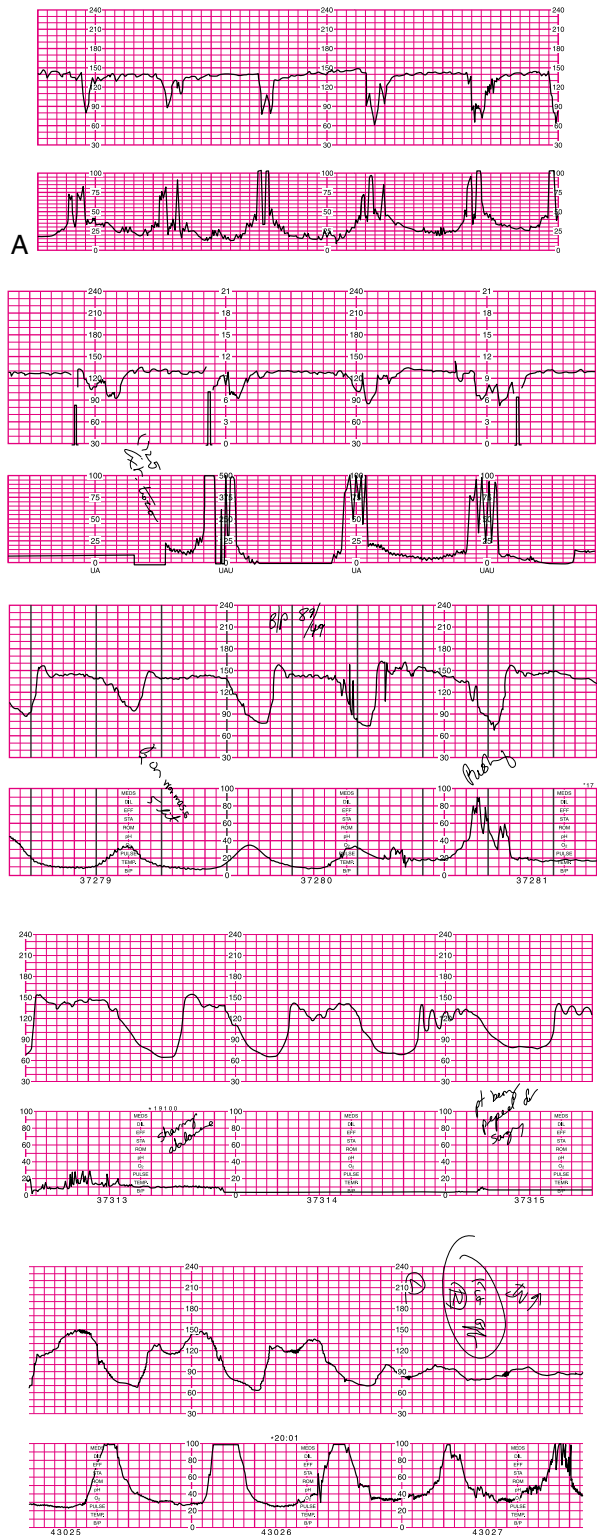
2. 15 / 2

3. 60

1. 160 / 10

2. 15 / 2

3. 60



. 6.14

(A) ( ), ( , ) . [2013]. [7-]. - : .)

5.

10

1.

( . 6.15)

( )



. 6.15 (A)

( , ) . ( ) . [2013]. [7-]. - : .)

2.

3.

HESI: ( . 6.13 ),  
4-7

HESI:  
( ),  
!

A.

1.

2.

3.

1.

2.

1.

2.

3.

4.

5.

HESI:

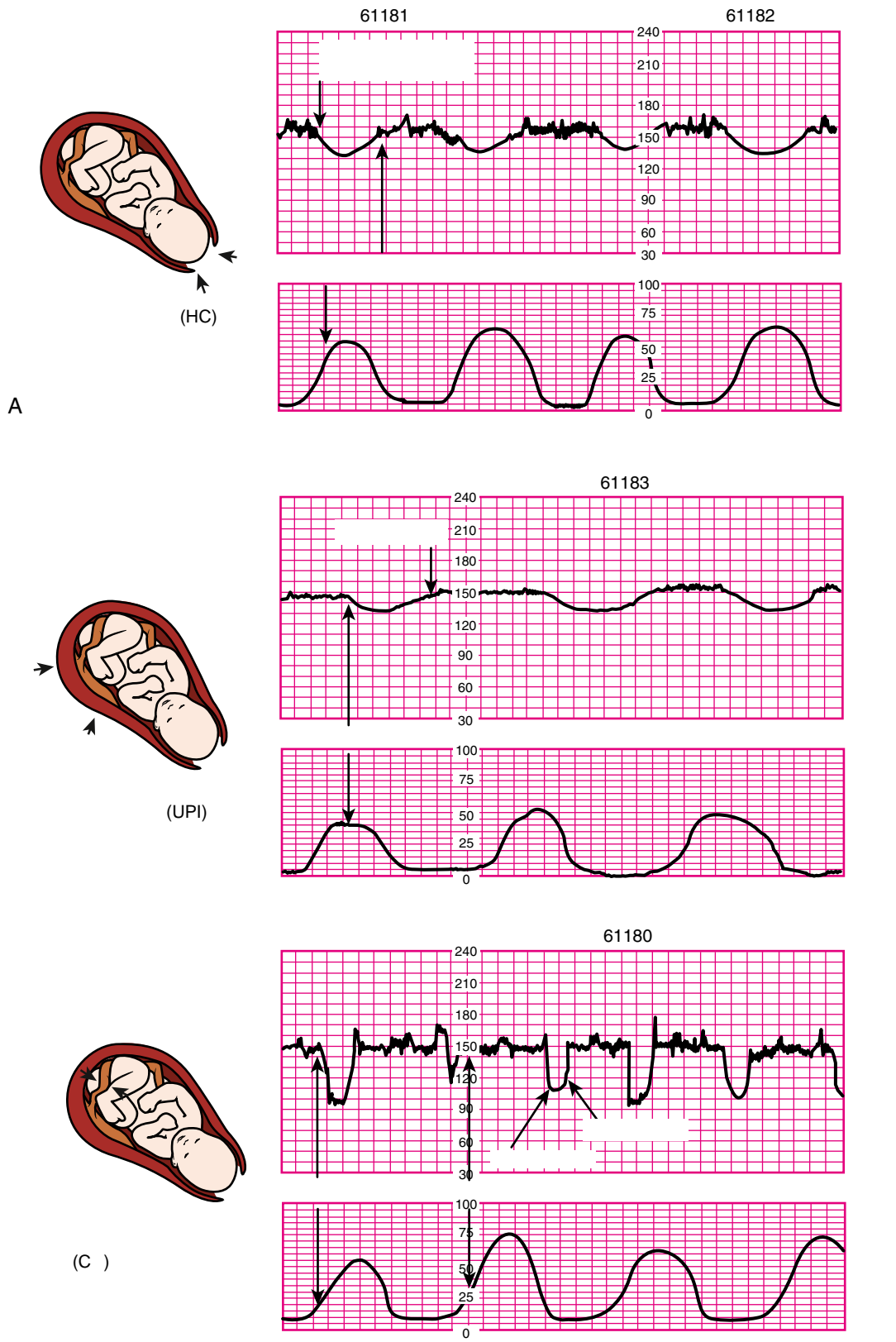
1.

2.

3.

a.

CO<sub>2</sub>



6.16

(A)

[7- . ( . - ' : . ) . [2013].

( , 30-60 ).

A.

1.

2.

FHR ( 6.12).

3.

4.

5.

6.

a.

: : 5 , : 30  
30 , : 1-3

1.

2.

15

3.

4.

5.

( 6.12).

A.

1.

2.

12-24

1.

2.

3.

4.

5.

6.

A.

1.

2.

1.

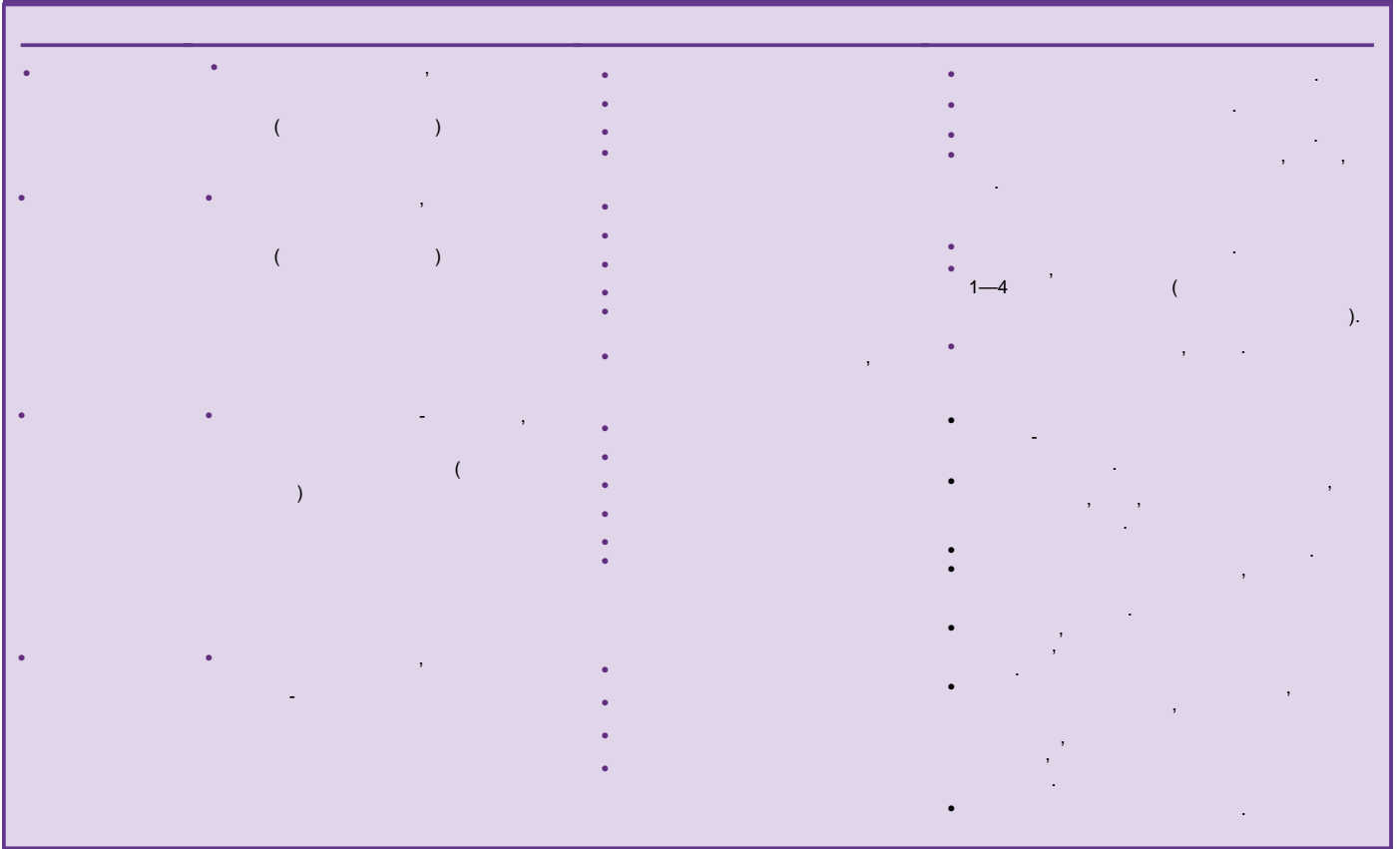
2.

a.

1)

HESI:

6.12



- 3.
- L4 L5
- T10 S5. T8 S1.
- 1)
- 2)
- 3)
- a.
- c.
- 1.
- L5
- L3, L4
- 2.
- 20-30-
- 6 ( )
- 1)
- 2)
- 6-8
- 3.
- 15-30
- 5-10
- 500 1000
- ( )
- 4.
- T10 S5.

8.

5

a.

11.

12.

6.

5

10

30

20%

100

 $\cdot \cdot),$ 

7.

a.

1.

6

2.

3.

4.

5.

6.

10-12

6.13).

(10 )

(100%)

6.13

( ,

( )

)

),

• •

,





8.  $\vdash \neg (A \wedge \neg A)$ ;  $\vdash (A \wedge \neg A) \rightarrow B$  (6.14).

HESI: ( )

1.  $15$  ,
2. :

(EBL).

6.  $\frac{1}{2} \cdot \frac{5}{1} = \frac{5}{2}$ .

- 4.
- 5.
- 6.
- 7.

1. 15, 2, 8, 4

$$6.14 \quad : \quad ( \quad )$$

( )

$$\left( \begin{array}{c} \text{ } \\ \text{ } \end{array}, \begin{array}{c} \text{ } \\ \text{ } \end{array} \right)$$

• • •

1500

15 ,

2

2.

15

( )

15

1.

2.

1-2

3.

4.

( 6.15).

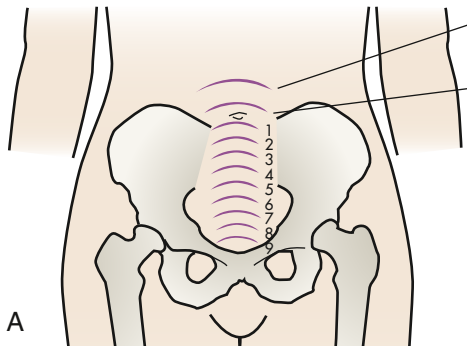
2-3

( ),

HESI:

20 36 6/7

( , ), ( , ),  
( , ), ( , ),



6.18

1-9 (2)

(3)

(A)

( )

( )

(1)

( )

(4)

(« (2020). »)

B-D. (

, 12-

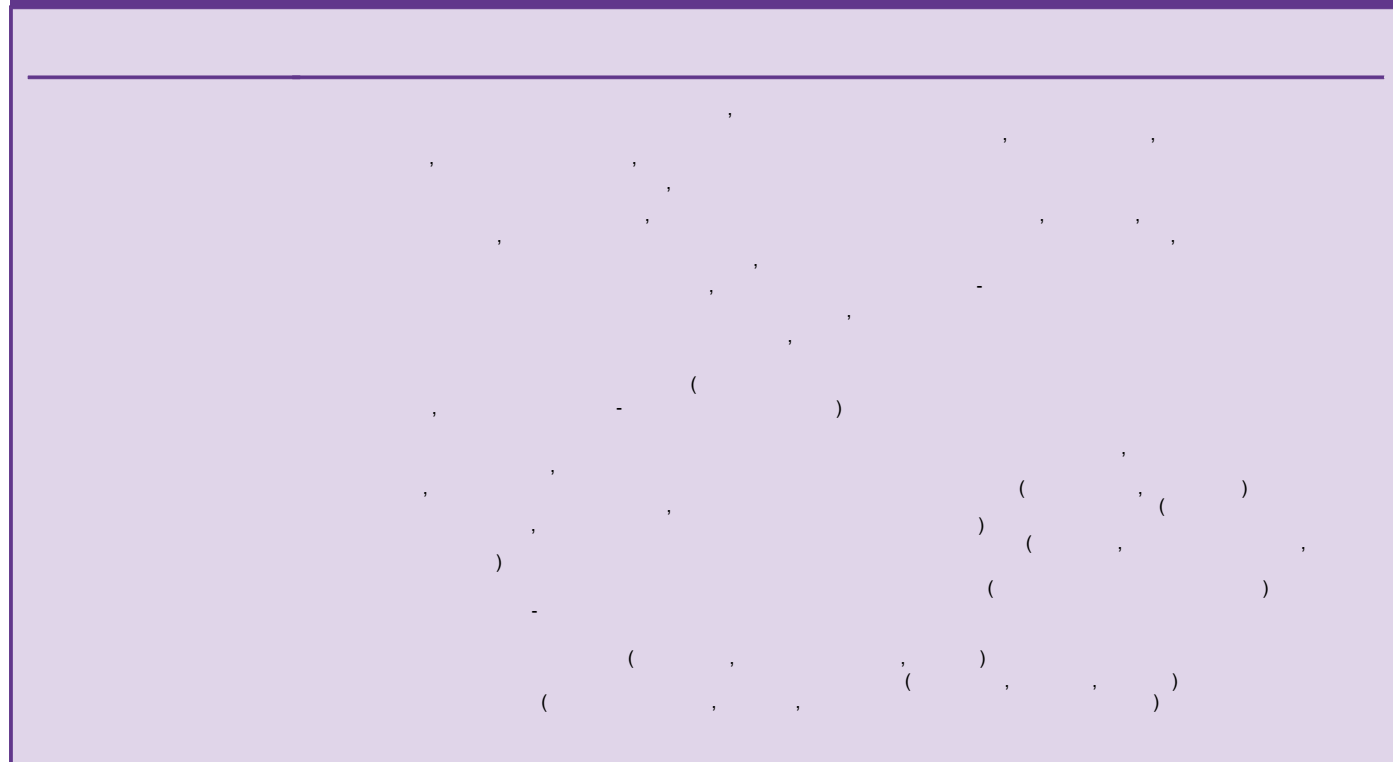
, 10, , MO, Elsevier. (

20.1, . 418))

6.15

) :

(



A.

1.

2.

3.

4.

5.

(ROM).

1.

2.

1.

(BPP)

(NST)

1.

2.

3.

(

),

a.

4.

a.

(FHR),

5.

( 24 34 )

(

).

, 24

6.

-

,

,

-

(

6.16).

5

" ":

(

),

(

),

,

(

),

(

).

A.

1.

2.

3.

4.

(

,

).

## 6.16

[illegible]



FHR. 4. ( ) ( )  
( , ). ( 6.3).

1. ,
2. ?
3. ,
4. .
5. ? ,
6. ?
7. ?
8. ?
9. \_\_\_\_\_.
10. \_\_\_\_\_.
11. \_\_\_\_\_.
12. \_\_\_\_\_.
13. .
14. ?
15. ?
16. ?
17. / ?
18. ?
19. ?
20. ?
21. ,
22. ?
23. ?
24. , ?
25. ?
26. ?

## 6.3

:

( )

1). (2009, 2019). 107: , 114(2, . 1), 386e397; , , 200(1), 35.e1e35.e6; , , & , . (2009). : AWHONN's high risk and critical care obstetrics (3- (2008). : 22(4), 259e263; , , & ' - , . (2014). : ( ), AWHONN's perinatal nursing (4- : , , & , . (2009). / , 34(1), 8-15.

( )

:

,

6 ;

,

.

.

.

.

.

1.

:

24 ,

:

24 ,

(40-50 <sup>48</sup> / )

:

:

1)

140/90, 4 , 2

2)

" "

2.

2

/ /

,

.

3-7

(

).

(1-2 / ).

1)

,

2

2)

12

1

3)

1-2 24

4) 2

3

6 ,

( )

1)

:

;

2)

1-3

:

- , 10

3)

:

- ,

6 ;

3.

3

1

1

6

4.

a. ( ) 3

,

.

( )

2-3

4-6

5.

,

(

- ,

24-48 , )

( , , ).

a.

1)

,

2)

3-5

,

1

.

1)

( ).

2)

( ).

,

.

3)

- ,

6.

-

a.

300-500 (10% )  
(15-30% )  
72

60-80%

2-3

7.

a.

3-4

(Hct)

8

(WBC)

( 30 000

3).

8.

a.

/

2-3

12  
3000

1

6-8

3

(UTI).

9.

a.

2-3

10.

a.

(

"

")

;

30%

(

)

(

)

3

11.

a.

3-6

6

(

),

12.

a.

13.

a.

10-14

HESI:

NCLEX-RN.

( )

1.

( )

2.

(

3.

15

2

4

8

8

1)

: (&lt;2,5 )

2)

: (&lt;10 )

3)

: (&gt;10 )

4)

2

5)

15

6)

7)

1)

2)

3)

)

)

)



- (1) 1.
- (2) 2.
- (3) 3.
- ( ) 4.
1. 5.
2. ( )
3. 1.
- ( ) 2.
1. 3.
- ( ) 4.
1. 5.
- ( ) 2.
1. 3.
- ( ) 4.
- ( ) 5.
- ( ) 1.
- ( ) 2.
- ( ) 3.
- ( ) 4.
- ( ) 5.
- ( ) 6.
- ( ) 7.
- ( ) 8.
- ( ) 9.
- ( ) 10.
- ( ) 11.
- ( ) 12.
- ( ) 13.
- ( ) 14.
- ( ) 15.
- ( ) 16.
- ( ) 17.
- ( ) 18.
- ( ) 19.
- ( ) 20.
- ( ) 21.
- ( ) 22.
- ( ) 23.
- ( ) 24.
- ( ) 25.
- ( ) 26.
- ( ) 27.
- ( ) 28.
- ( ) 29.
- ( ) 30.
- ( ) 31.
- ( ) 32.
- ( ) 33.
- ( ) 34.
- ( ) 35.
- ( ) 36.
- ( ) 37.
- ( ) 38.
- ( ) 39.
- ( ) 40.
- ( ) 41.
- ( ) 42.
- ( ) 43.
- ( ) 44.
- ( ) 45.
- ( ) 46.
- ( ) 47.
- ( ) 48.
- ( ) 49.
- ( ) 50.
- ( ) 51.
- ( ) 52.
- ( ) 53.
- ( ) 54.
- ( ) 55.
- ( ) 56.
- ( ) 57.
- ( ) 58.
- ( ) 59.
- ( ) 60.
- ( ) 61.
- ( ) 62.
- ( ) 63.
- ( ) 64.
- ( ) 65.
- ( ) 66.
- ( ) 67.
- ( ) 68.
- ( ) 69.
- ( ) 70.
- ( ) 71.
- ( ) 72.
- ( ) 73.
- ( ) 74.
- ( ) 75.
- ( ) 76.
- ( ) 77.
- ( ) 78.
- ( ) 79.
- ( ) 80.
- ( ) 81.
- ( ) 82.
- ( ) 83.
- ( ) 84.
- ( ) 85.
- ( ) 86.
- ( ) 87.
- ( ) 88.
- ( ) 89.
- ( ) 90.
- ( ) 91.
- ( ) 92.
- ( ) 93.
- ( ) 94.
- ( ) 95.
- ( ) 96.
- ( ) 97.
- ( ) 98.
- ( ) 99.
- ( ) 100.

4-8

38 °C

24

28

3.

(Tdap)

27 36

( )

Tdap,

(8)

( )

( )

( ) ( 6.4).

( )

HESI:

28

1.

6.4

): (

( )

( )

6.5

): (

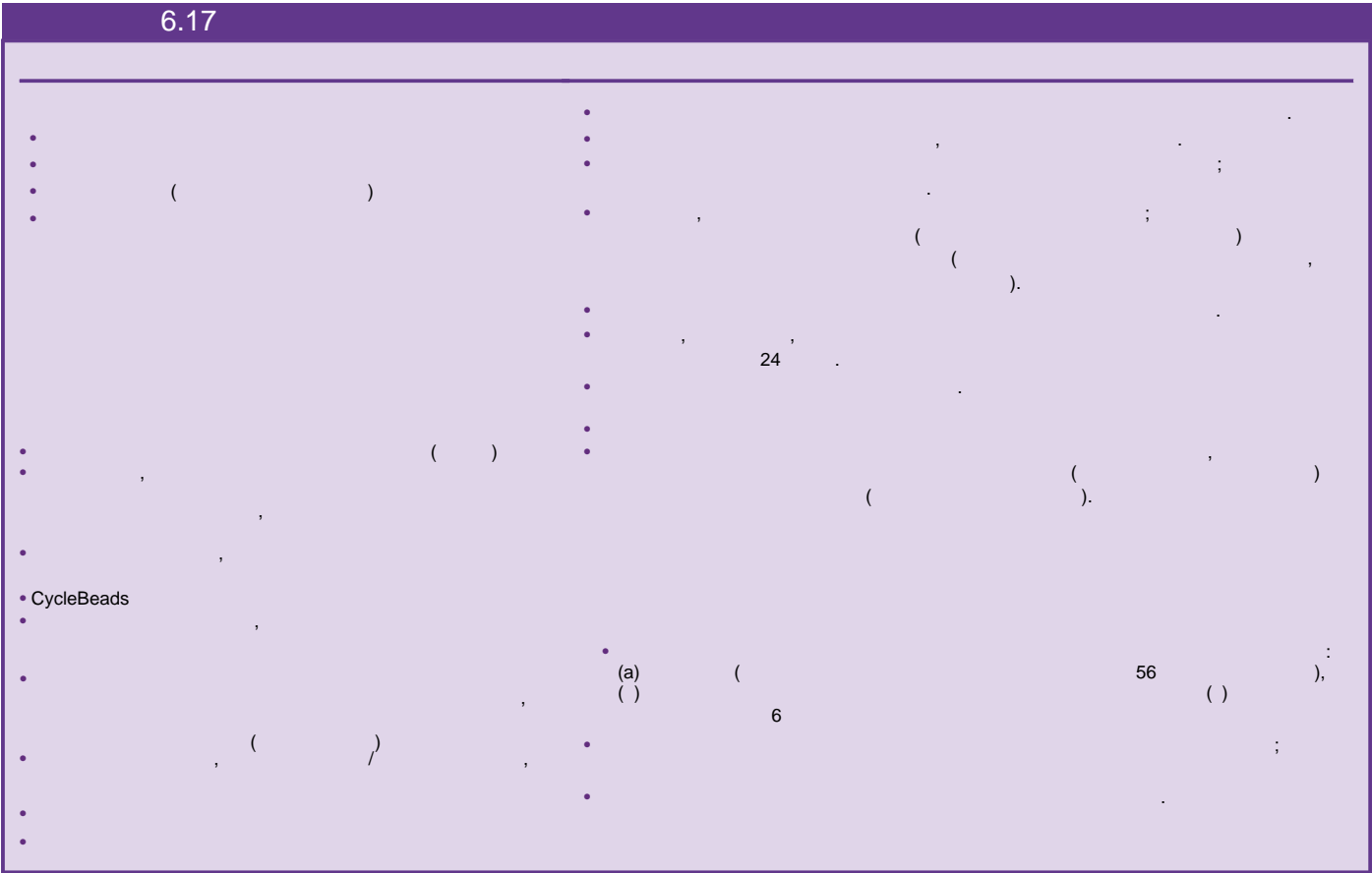
): (

2

(12- ). (2020).

(2018).

<http://www.womenshealth.gov/publications/our-publications/fact-sheet/depression-pregnancy.html>



NCLEX-RN (2021) ; , , & , . (2022)  
(4- ). , :



NCLEX-RN (2021) ; , , & , . (2020). (12- )

( 6.18).

6.18).

1. ,
2. ?  
,  
37,5 °C.<sup>3</sup>
3. ?
4. ?
5. ?
6. ?  
, , , , ,
7. ?  
?
8. ,  
?  
?
9. ;  
.
10. 24 ?
11. ?
12. ?  
,  
?
13. .  
.

[illegible]

2.  $\frac{1}{2}$

4. \_\_\_\_\_

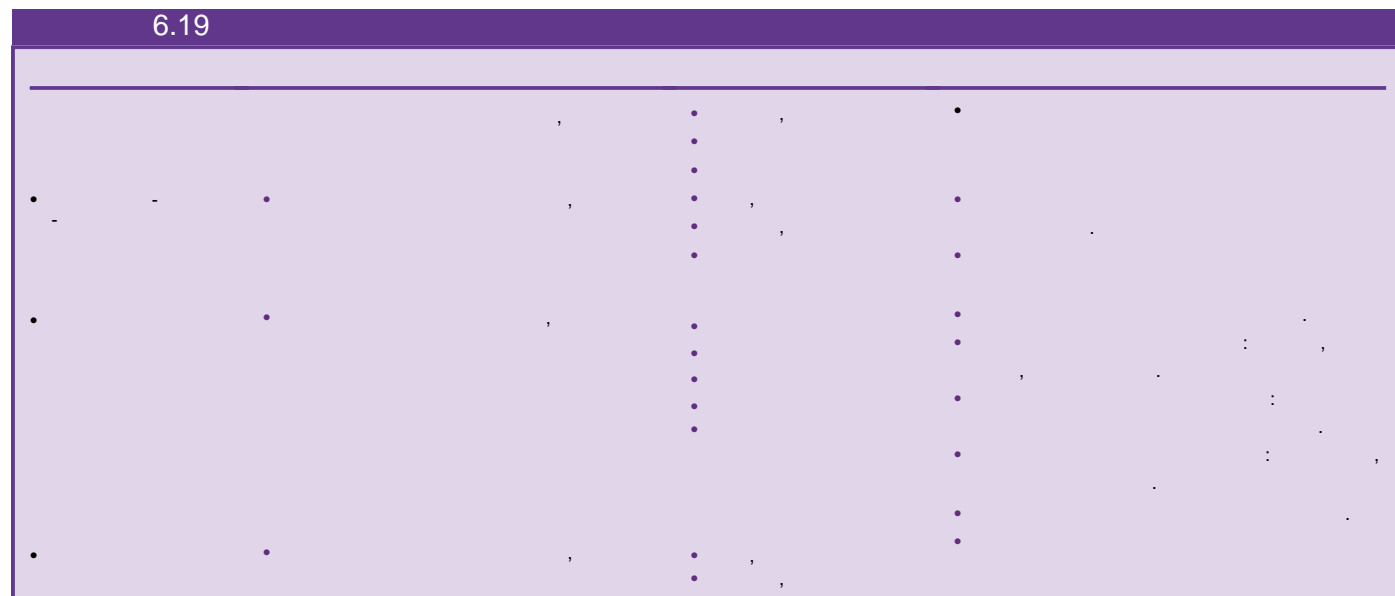
5. \_\_\_\_\_

a.  $(\frac{1}{2}, \frac{1}{2})$

[illegible]

2. HESI: ( , , )

6.19



6.20

:

2e4

2e3

6

7.

( 30 /

24

6

1.

a.

15

2.

3.

25

a.

4.

5.

1.

2.

3.

1.

2.

a.

3.

4.

5.

6.

( 6.21).

4.

5.

6.

7.

1.

2.

## 6.21

( ) : ,  
 ( ) , , ,  
 ( ) , , , , >140/90  
 15-  $F_{2\alpha}$  , ,  
 ( /15 ; , )  
 (  $E_2$ ) , ,

(12- ). : , , , & , . (2020).  
 (7- ).  
 (12- ), ( ). (2015).  
 (CMQCC). [https://www.cmqcc.org/ob\\_hemorrhage](https://www.cmqcc.org/ob_hemorrhage) 2.0.

3.

1.

7.

8.

9.

HESI:

10.

11.

12.

1.

2.

3.

1.

a.

1.

2.

1.

2.

3.

4.

5.

6.

1.

2.

3.

4.

5.

6.

7.

8.

3.

( )

( )

( 6.22).

( 6-8 )

6-8

1.

(

2.

)

1.

2.

: 60-80

/40-50

1.

2.

( )

1.

(

),

2.

3.

4.

HESI:

1.

( 6.23).

1 5

1.

## 6.22

: 30-60 /

110-160

/ ;

180

100

: 36,5° C-37,5° C

80/50

•

(

).

1

•

•

•

•

•

•

•

(PMI):

1

0,6-1,3

5



## 6.23

1 5

•

•

•

- 7-10:
- 4-6:
- 0-3:

```

= 0; <100 = 1; >100 = 2
= 0;           = 1;           = 2
= 0;           = 1;
= 2
= 0;
( ) = 1;
= 2
= 0;           = 1;
= 2

```

2.

3.

$$( \quad , \quad 6.24 ).$$

4.

5.

(6.25).

1.

24

2.

## 6.24

4000 (6-9) 2700

• : 46—52,5

• : 33—35

( 2

)

• : 31—33

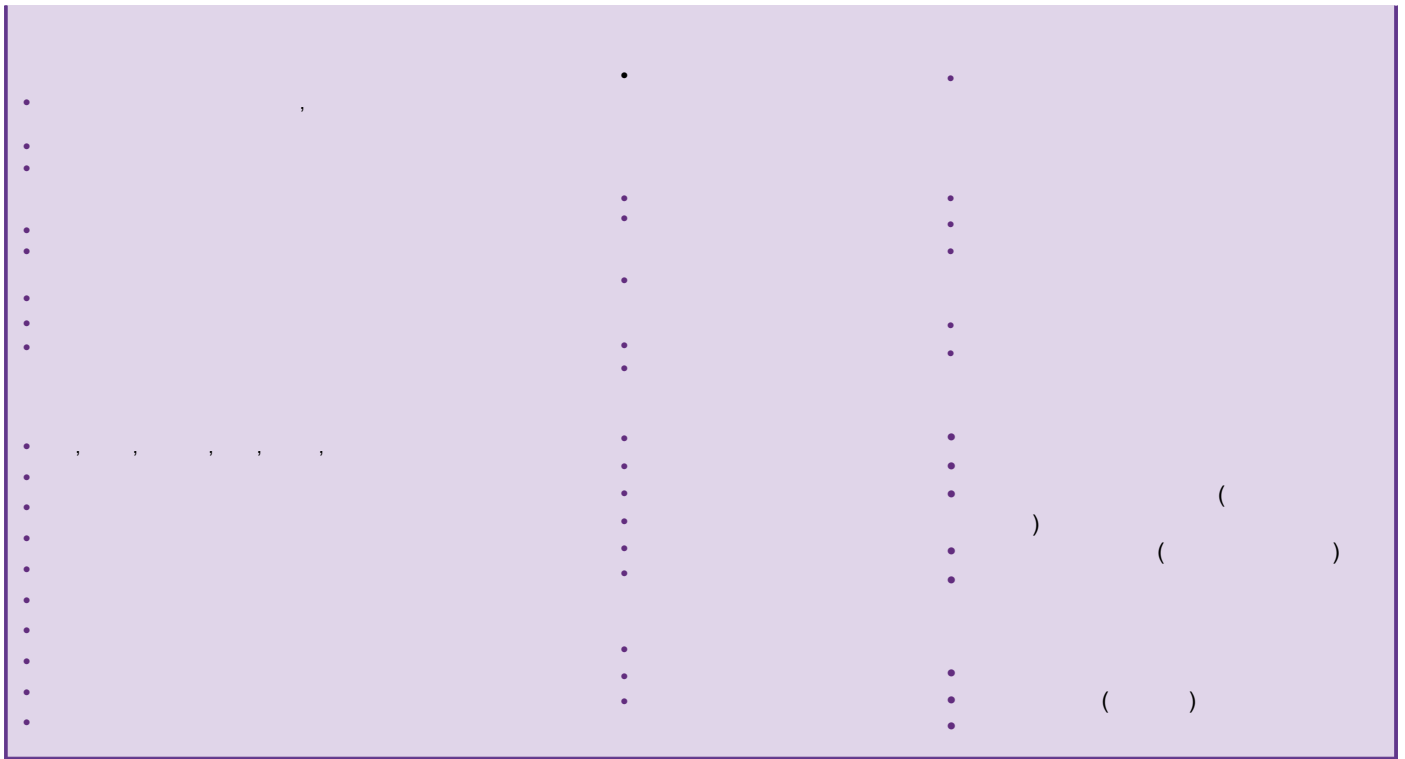
5%—15% (10%)

( [FOC])

24



$$\left( \begin{array}{c} \text{ } \\ \text{ } \\ \text{ } \end{array} \right)$$



4-6

6- 0,5-1 /

24

3. a.

(HBIG) 12

5. 1

a. (

3-4 ;

1-3 (

50 1 (30 ) 108

/ 6

1. a.

0,5%.

2. a.

48 ( . 6.19, 6.26

6.27).

1. 24 (

[ ( )],

2.

3. (CCHD).

24 48

4. ( 6.28).

E.



6.27

|         |      |
|---------|------|
| : 20—37 | ( ): |
| : 38—42 | ( ): |
| : >42   | ( ): |

6.28

|                    |                                     |
|--------------------|-------------------------------------|
| ( / )              | 15—24                               |
| (%)                | 44—70                               |
| ( )/               | $4.8 \times 10^6$ $7.1 \times 10^6$ |
| (%)                | 1.8—4.6                             |
| (% )               | 50—70                               |
| $\leq 1$           | 84,000—478,000                      |
| $> 1$              | 150,000—300,000                     |
| (WBCs)/ $\mu$ L    | 9000—30,000                         |
| ( / ) <sup>a</sup> |                                     |
| 24                 | 2—6                                 |
| 48                 | 6—7                                 |
| 3—5                | 4—6                                 |
| ( / )              |                                     |
| $< 1$              | 40—60                               |
| $> 1$              | 50—90                               |
| pH                 | 7.35—7.45                           |
| Pco <sub>2</sub>   | 35—45                               |
| PO <sub>2</sub>    | 60—80                               |
| HCO <sub>3</sub>   | 18—26                               |
|                    | (—5) - (+5)                         |
| O <sub>2</sub>     | 92%—94%                             |

: , , , ( ), , , .

1. ( ),

2. ( . 6.6). 40 / . 40-80 / .

3. ( ),

4. 40 / . , .

: .

- ( - ; , - )

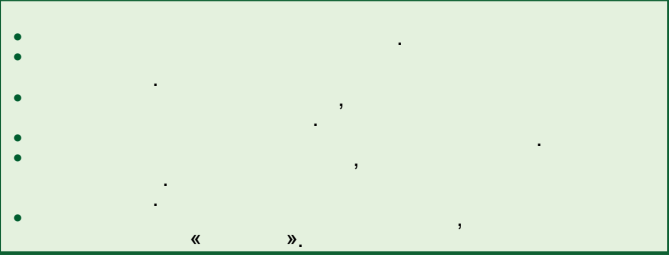
( ; )

- - ( ; )

).

2004). / , ; , 2, [AAP], (2004). 35 (2018). , 114(1), 297e316; (5-). (2016). (20-). (2014). (5-). (2016). (8-

6.6



2. ( ) ( )

( ,  
, )

8-12

1.

;  
(  
)

( 6.29).

HESI:

24

3-5

1-2

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

,

1.

(10-14 );

3.

37,8 ° C

( , )

48-72

HESI:

( )

2.

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

16.

17.

?

?

?

?

?

36,1 ° C

?

?

?

( )

1.

2.

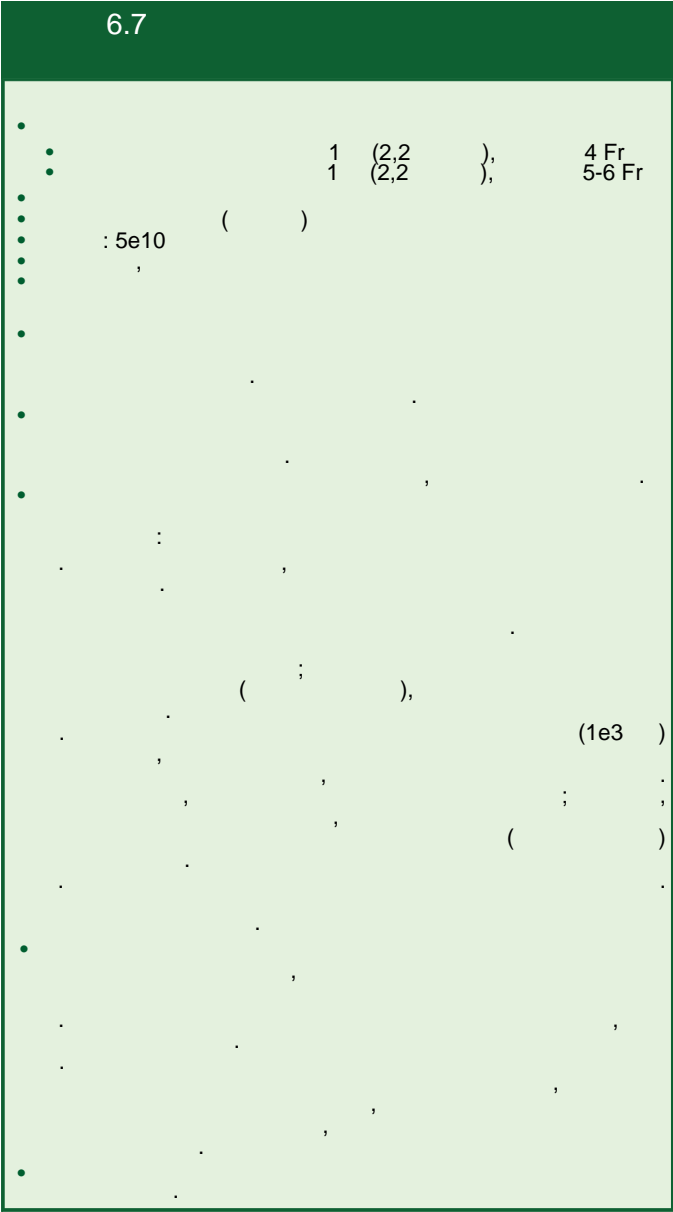
3.

4.

( 7 30 ( ) 7







6.20

( )

8. (2020). (12-  
1,005-1,012.  
(  
( 6.7, 6.20).

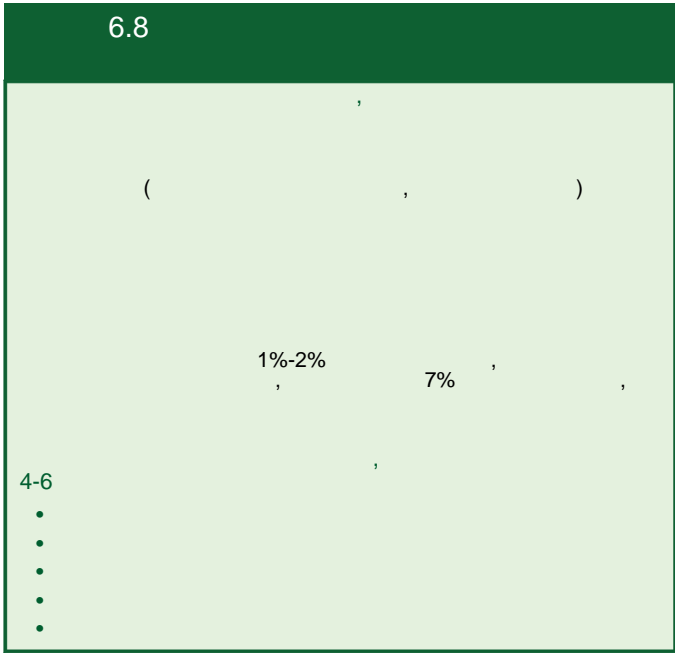
( ) ( )  
( ) 1 ( [2020].  
MD. C, A B, RNC, NC.)

9. 1. 2. ( ) .

10. 1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.



1. 2. 3. 4. 5. 6. 7. 8. 9. 10. 11. 12. 13. 14. 15. 16. 17. 18. 19. 20. 21. 22. 23. 24. 25. 26. 27. 28. 29. 30. 31. 32. 33. 34. 35. 36. 37. 38. 39. 40. 41. 42. 43. 44. 45. 46. 47. 48. 49. 50. 51. 52. 53. 54. 55. 56. 57. 58. 59. 60. 61. 62. 63. 64. 65. 66. 67. 68. 69. 70. 71. 72. 73. 74. 75. 76. 77. 78. 79. 80. 81. 82. 83. 84. 85. 86. 87. 88. 89. 90. 91. 92. 93. 94. 95. 96. 97. 98. 99. 100.

4.

(FASDs), (FAS),  
FAS, (ARND), (ARBDs)

. FAS

FASD,

( . 6.21).

1.

2.



6.21: . ( . [2020]. , , & [12- . 777]. : .)

(ESC).

3.

4.

5.

2.

6.

1.

7.

2.

1.

1.

9.

2.

10.

100

11.

12.

?

3.

?

13.

4.

?

5.

14.

?

6.

15.

?

7.

FAS?

8.

<http://evolve.elsevier.com/HESI/RN>  
HESI.

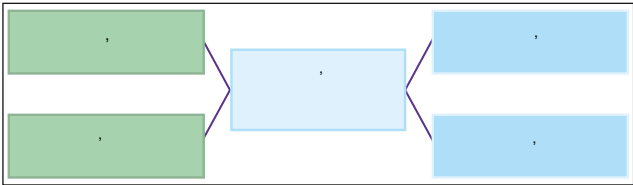
NEXT-GENERATION NCLEX (NGN):

- 34- 32 (G5T3P1A0L4).

36 4/7

36 4/7

2 2



| ( , ) |  |  |
|-------|--|--|
|       |  |  |
|       |  |  |

(2019). (ACOG). ACOG Practice Bulletin No. 202: e1-25. (2020). <https://www.acog.org/womens-health/faqs/nutrition-during-pregnancy>

(6- ). (2019). (2020). (12- ). ES. (2010). (5- ). (2022). (4- ).

50%

(NAMI),

20% (NAMI, 2021 .).

50%

(PMH)

( , 2018 .).

( , 2015 .).

( , 2017 .).

( , 2015 .).

( )

( , 2011 .).

( , 2018 .).

( , 2009 .).

( , 2011 .).

( , 2014 .).

( , 2015 .).

( , 2014 .).

( , 2017 .).

( , , , 2015 ).

( , , , 2014 ).

( )

( ) .

( , 2015 ).

( - , - ( . 2014 ).

( . 2017 ).

( , 2021 ).

( , 2006 ).

( , 2002 ).

( , 2000 ).

( , 2009 ; , 2013 ).

HESI:

1.

-

3.

,

.

a.

.

.

.

4. 66-

?

2.

,

5.

?

,

?

.

.

( , , (2013).

,

-

,

.

,

.

.

.

,

:

.

.

,

,

,

.

,

.

,

.

(Colapinto, 2019)

,

(

, 2018.).

.

(

, 2020.).

.

-

,

,

,

( , 1995, . 287..

-

( )

(

)

(

( , 1982; , 1991.).

,

,

,

( ).

,

,

,

,

,

.

-

,

,

( , 1986; , 1980.).

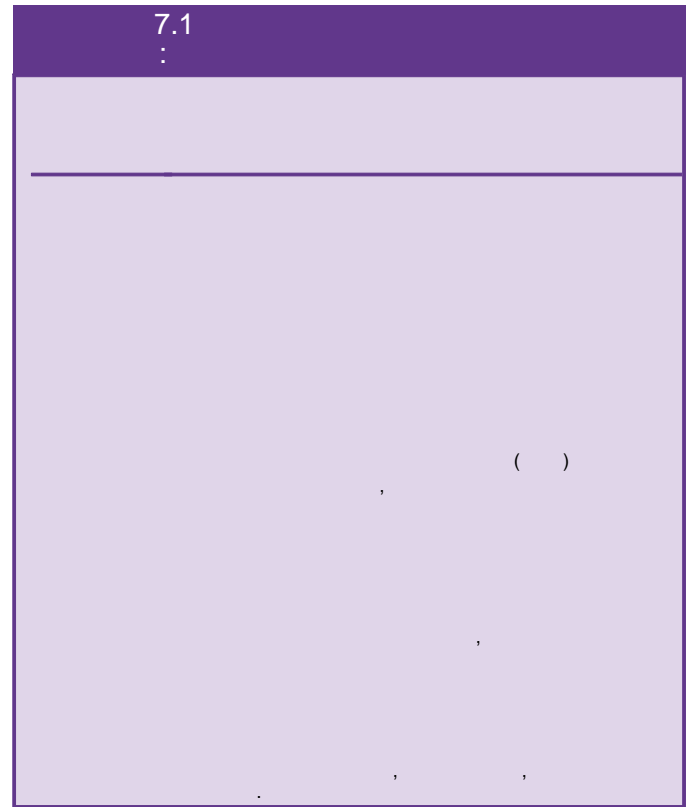
,





- (
- ) ( ,
- ) (
- ) ( ,
- « » ( ).
- :
- ,
- 
- 
- 
- 
- ,
- - ,
- :
- (
- ) ( )
- ( ) ,
- ( ) ).
- 
- :
- 1 ,
- 2 ,

HESI:



- ? ?
- ? - ?
- ? ? ?
- ?
- ,
- ,
- ,
- ?
- ( 7.1).
- |
- | 1
- ,
- ) (
- ). ( ,
- ). ( ,
- 
- | :
- , , ,
- , , ,
- , , ,
- , , ,





The diagram illustrates a complex network structure, likely representing a biological or computational system. It is divided into two main sections by a vertical line. The left section contains a large, dense network of nodes and connections, with a prominent vertical line of nodes on the left side. The right section contains a smaller, less dense network of nodes and connections, with a prominent vertical line of nodes on the right side. The diagram is labeled with various symbols, including parentheses, commas, and dots, which likely represent different types of nodes or connections. The overall structure suggests a hierarchical or branching network, possibly representing a biological or computational system.

## 7.4

1.

2.

3.

4.

5.

6.

7.

8.

9.

10.

11.

12.

13.

14.

15.

16.

17.

18.

19.

20.

21.

22.

23.

24.

25.

26.

27.

28.

29.

30.

31.

32.

33.

34.

35.

36.

37.

38.

39.

40.

41.

42.

43.

44.

45.

46.

47.

48.

49.

50.

51.

52.

53.

54.

55.

56.

57.

58.

59.

60.

61.

62.

63.

64.

65.

66.

67.

68.

69.

70.

71.

72.

73.

74.

75.

76.

77.

78.

79.

80.

81.

82.

83.

84.

85.

86.

87.

88.

89.

90.

91.

92.

93.

94.

95.

96.

97.

98.

99.

100.

101.

102.

103.

104.

105.

106.

107.

108.

109.

110.

111.

112.

113.

114.

115.

116.

117.

118.

119.

120.

121.

122.

123.

124.

125.

126.

127.

128.

129.

130.

131.

132.

133.

134.

135.

136.

137.

138.

139.

140.

141.

142.

143.

144.

145.

146.

147.

148.

149.

150.

151.

152.

153.

154.

155.

156.

157.

158.

159.

160.

161.

162.

163.

164.

165.

166.

167.

168.

169.

170.

171.

172.

173.

174.

175.

176.

177.

178.

179.

180.

181.

182.

183.

184.

185.

186.

187.

188.

189.

190.

191.

192.

193.

194.

195.

196.

197.

198.

199.

200.

201.

202.

203.

204.

205.

206.

207.

208.

209.

210.

211.

212.

213.

214.

215.

216.

217.

218.

219.

220.

221.

222.

223.

224.

225.

226.

227.

228.

229.

230.

231.

232.

233.

234.

235.

236.

237.

238.

239.

240.

241.

242.

243.

244.

245.

246.

247.

248.

249.

250.

251.

252.

253.

254.

255.

256.

257.

258.

259.

260.

261.

262.

263.

264.

265.

266.

267.

268.

269.

270.

271.

272.

273.

274.

275.

276.

277.

278.

279.

280.

281.

282.

283.

284.

285.

286.

287.

288.

289.

290.

291.

292.

293.

294.

295.

296.

297.

298.

299.

300.

301.

302.

303.

304.

305.

306.

307.

308.

309.

310.

311.

312.

313.

314.

315.

316.

317.

318.

319.

320.

321.

322.

323.

324.

325.

326.

327.

328.

329.

330.

331.

332.

333.

334.

335.

336.

337.

338.

339.

340.

341.

342.

343.

344.

345.

346.

347.

348.

349.

350.

351.

352.

353.

354.

355.

356.

357.

358.

359.

360.

361.

362.

363.

364.

365.

366.

367.

368.

369.

370.

371.

372.

373.

374.

375.

376.

377.

378.

379.

380.

381.

382.

383.

384.

385.

386.

387.

388.

389.

390.

391.

392.

393.

394.

395.

396.

397.

398.

399.

400.

401.

402.

403.

404.

405.

406.

407.

408.

409.

410.

411.

412.

413.

414.

415.

416.

417.

418.

419.

420.

421.

422.

423.

424.

425.

426.

427.

428.

429.

430.

431.

432.

433.

434.

435.

436.

437.

438.

439.

440.

441.

442.

443.

444.

445.

446.

447.

448.

449.

450.

451.

452.

453.

454.

455.

456.

457.

458.

459.

460.

461.

462.

463.

464.

465.

466.

467.

468.

469.

470.

471.

472.

473.

474.

475.

476.

477.

478.

479.

480.

481.

482.

483.

484.

485.

486.

487.

488.

489.

490.

491.

492.

493.

494.

495.

496.

497.

498.

499.

500.

501.

502.

503.

504.

505.

506.

507.

508.

509.

510.

511.

512.

513.

514.

515.

516.

517.

518.

519.

520.

521.

522.

523.

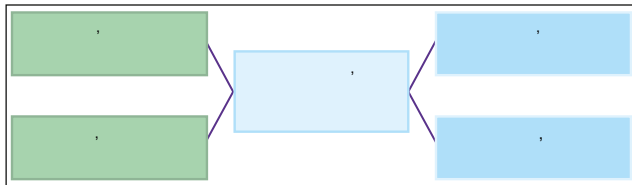
524.

525.

52

1.  $\frac{1}{2} \times \frac{3}{4}$
2.  $\frac{2}{3} \div \frac{4}{5}$
3.  $\frac{5}{6} + \frac{7}{8}$
4.  $\frac{9}{10} - \frac{1}{2}$
5.  $\frac{11}{12} \times \frac{13}{14}$
6.  $\frac{15}{16} \div \frac{17}{18}$

NCLEX:







(2013).

: DSM-5 (5-).  
: American Psychiatric Publishing.  
, " (2011). "

, 24(1), 11-15.  
, " (2011).

, 24(1), 3-10.  
, " (2009).

, 18(5), 301-309.  
, " (2014). Safewards:

, 21(6), 499-508.  
(2019).  
H. Fiese, M. Celano, K. Deater-Deckard, E. N. Jouriles, B.  
A. Whisman ( ), APA  
107-121). American Psychological Association.  
<https://doi.org/10.1037/0000101-007>.  
(2019).

<https://doi.org/10.1007/s00787-018-1265-2>.  
, " (2013).

?  
, 60(1), 96-102.  
, " (2015).

:  
-  
21(2), 134-147.  
<https://doi.org/10.1177/1078390315581338>.  
(2018). The Journal of  
Behavioral Health Services & Research 45, 300-309.

, " (2000).  
?  
38(3), 7-13.  
<https://doi.org/10.3928/0279-3695-20000301-08>. PMID:  
10779939.  
, " (2006).

, 19(4), 170-174.  
<https://doi.org/10.1111/j.1744-6171.2006.00068.x>. PMID:  
17118051  
, " (2017).

:  
, 31(6), 634-640.  
, " (1997).

?  
, 92(4), 375-379.  
, " (2016).

, 29(3), 127-134.  
, " (2019).

CAMHS PICU: 2.  
, 15(2), 103-115.  
(2021),  
<https://my.clevelandclinic.org/health/articles/22857-gamma-aminobutyric-acid-gaba>.  
, " (2002).

, 12(3),  
235-245.  
, " (2018).

:  
27(1), 92-105.

- (2016).
- , 46, 57-65.
- (2018). " , 161-166. <https://doi.org/10.12968/bjmh.2019.0034>.
- (2014).
- , 44(1), 1-29.
- (1995).
- (TIP) 34.
- (1995).
- : <https://store.samhsa.gov/sites/default/files/d7/priv/sma12-3952.pdf>.
- (1983 ).
- , 1982,
- £3.95.
- 11(3), 279-280.
- (2004).
- , 42(9), 22-33.
- (2015).
- (5- ).
- (2012). II
- ?
- , 20(2), 4-8.
- CIWA-Ar.
- CPMC Sutter.
- (2012).
- (2012).
- 16(1), 59-80.
- (2018).
- ACT
- , 27(9), 2918-2924.
- (1986).
- 121-174.
- (1982).
- (1991).
- , 4, 82-90.
- (1980).
- , 5(1), 13-24.
- (2015).
- , 36(11), 849-859.
- , 2015; 2006;
- 2012
- (2013). PsychNotes:
- (4-
- F.A. Davis.
- (2015).
- (2013).
- , 21(4), 188-199.
- (2011).
- , 168(12),
- 1266-1277.
- (2018).
- 62( . 3), S9-S17.
- <https://doi.org/10.1016/j.jadohealth.2017.07.024>.
- (2009).
- EuropePMC.
- (2015). "
- , 24(6), 569-576.
- (2009).
- , 56(4), 412-423.
- (2015).
- 21(6), 398-405. <https://doi.org/10.1177/1078390315617038>.
- (2013).
- Great Smoky Mountains.
- , 52(8), 831-840.
- (2018).
- , 26(2), 253-261.
- <https://doi.org/10.1177/1066480718777409>.
- (2015).
- , 15(1), 19-35.
- (2015).
- (8-
- (2021).
- F.A. Davis.
- CNS Spectrums, 1-7.
- <https://doi.org/10.1017/S1092852921001061>.
- (2013).
- , 225-250.
- (2013).
- BMC , 13, 22.
- <https://doi.org/10.1186/1471-244X-13-22>.
- (2013).



， . (2011). :  
， 50(1), 7-18.  
， . (2014). - ( . 53-57).  
Crown.  
， . (1997).  
， 18-22.  
， 12(5), 274-283.

2019 1 2030 60  
1,4 , 2050 - 2,1 ( , 2018)  
,  
65  
, 2060  
600 1%  
(" , 2019).  
- (65-74 ), - (75-84  
( ), 90 - ( 85 (100 ),  
(110 )  
,

HESI:

65

(ADLs)

- 1.
- 2.
- 3.

HESI:

«

».

( 8.1).

( 8.2).

1.

2.

3.

4.



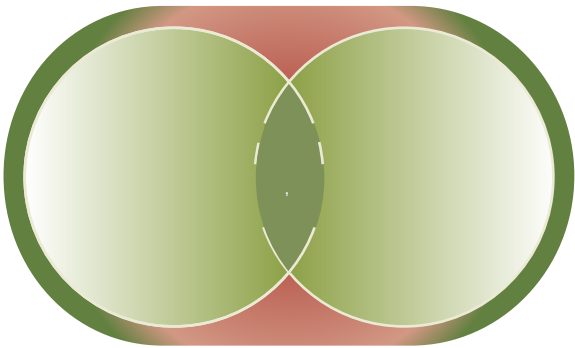
8.2 ( [2013]. [7- 529]. )

1.

2.

3.

4.



8.1 ( [7- 77-78]. [2014]. )

(BMD)

(ROM)

8.1

HESI: NCLEX

8.2

HESI:

40

8.1

:

( , )

( 9-23, ¼ ).

2018).

( 30%-60%,

).

8.2 : -

D

;

;

,

( , ).

( , ).

( )

,

( , ).

,

,

,

,

,

( )

:

;

,

,

( , , ).

( , ).

3. :

( , ) , ( ) ,

( )

1. ,

( , ).

HESI:

1. ,

2. ,

8.3

:

-

( )

1.

2.

( )

( ).

( ).

( , ).

(A, B, C).  
( , , )

).

( 911,

( ).

6.

:

1.

:

;

8.4

2.

:  
;

3.

:

4.

:

;

5.

:

( )

HESI:

21% 29,7%

( , 2018).

8.4

:

( )  
/

(SOB),

(A, B, C).

( , )

65 (

5 ).

.( , )

( , , ).

( , )

( , , )  
( , )

8.5

HESI:

( , 2019).

( ), B1 B2

8.5

:

-

(

)

( 30 )

51 (<https://www.nia.nih.gov/health/vitamins-and-minerals-older-adults>)

HESI:

8.6

50%.

1.

2.

3.

A.

[ ] -

.)





(NCD; DSM-5)

[illegible]

□ □

## 8.9

HESI:

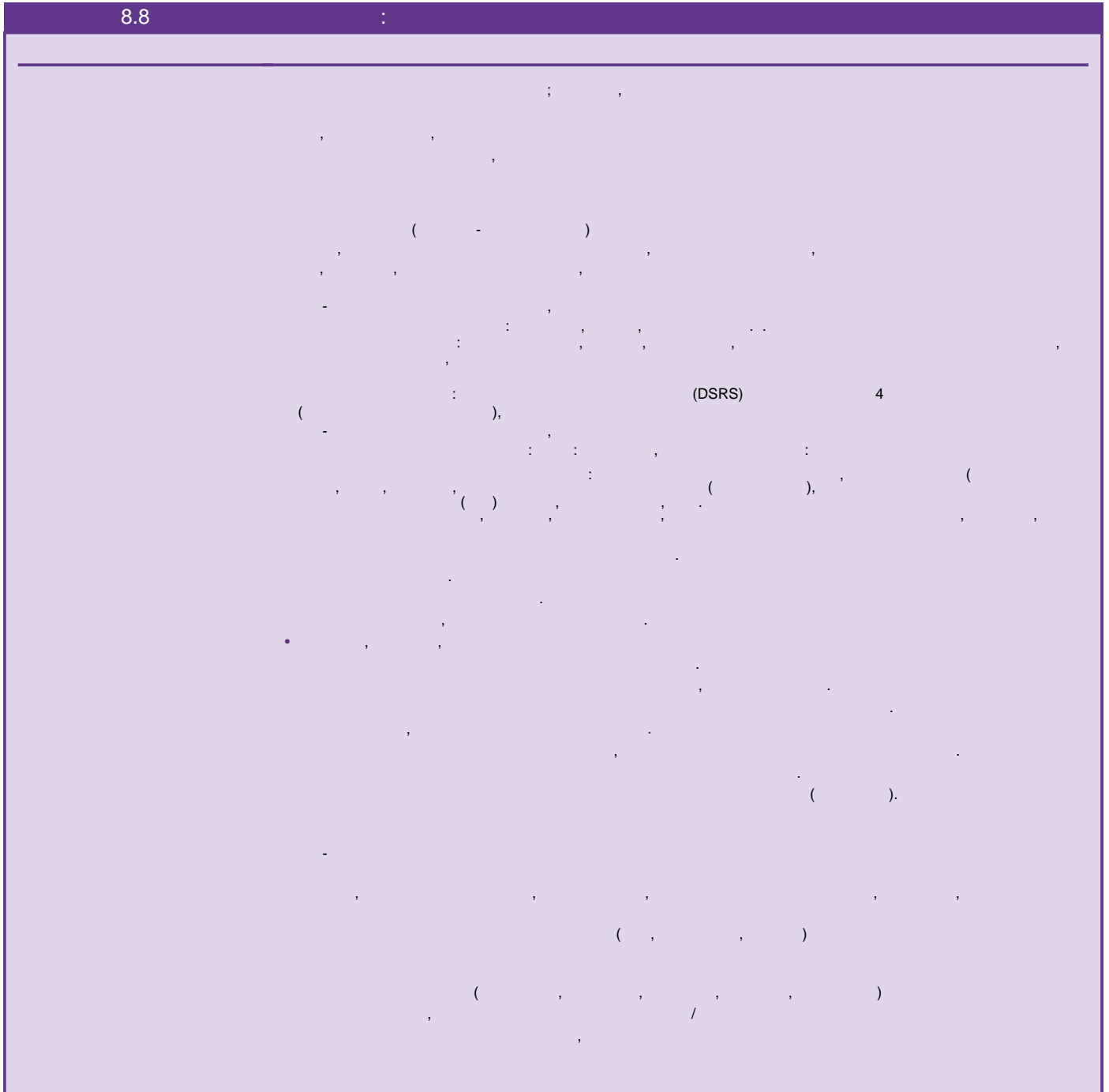
2

( ).

( ).

8.8

:



DSRS,

;

;

.

· ( ),

( ).

· ( ); ( , , , )

( ).

8.10

,

:

HESI:

- 1.
- 2.
- 3.



- a.  $(\frac{1}{2}, \frac{1}{2})$  -

(SNELLEN exam),

(SNELLEN exam),  
( , )

9. \_\_\_\_\_.

10. \_\_\_\_\_, \_\_\_\_\_

$$). \quad (1)$$

11. \_\_\_\_\_  
12. \_\_\_\_\_

- 2.

- 3.

- 4.

## 8.11

: :

: / : ; , ,

1. ( ), ( ), ,

2. ( 8.12)

- ( ) ,  
( )

( , )

1. ( ).

2. a. ( , ).

- ( ) .

; ,

, ,

- ( ) / :  
, ( )  
/ ,

- ( , )

## 8.12

•  
•  
•  
•

HCl

HCl

:

•

•

•

•

•

N-

-D-

(NMDA)

•

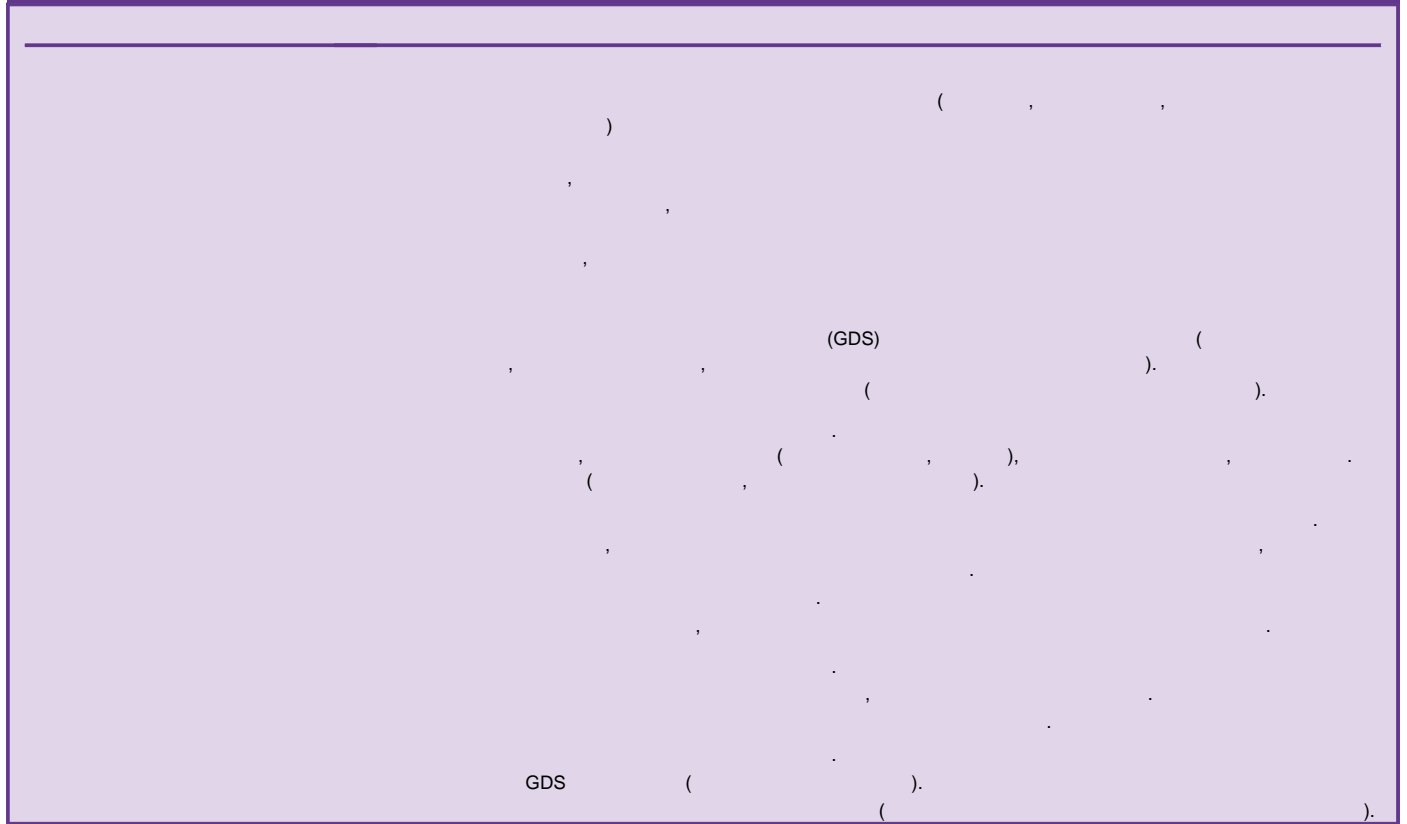
•

•

8.13

:

:



ADL, ; GDS,

13. . ( , Meals on  
 14. .  
 15. Wheels) ( , ).

1. .  
 2. .  
 3. . , ,  
 4. ,  
 5. ( , , , , ( 8.14).  
 ;

(AARP)

:

1. .  
 2. , ,  
 3. ,  
 4. Td/Tdap. 6  
 ( ); ; ,

. ;  
 . ;  
 . ;  
 . ;  
 . ;  
 . ;  
 . ;



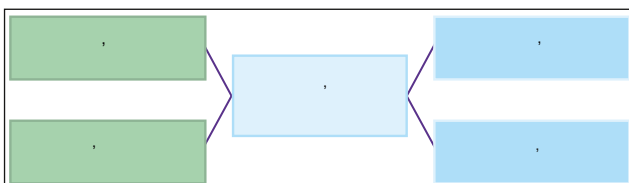
[illegible]

1. ?
  2. ?
  3. ?
  4. ?
  5. ?
  6. ?
  7. ?
  8. ?
  9. NCD?
  10. ?
  11. ?
  12. ?
- <http://evolve.elsevier.com/HESI/RN>  
HESI.

### NEXT-GENERATION NCLEX (NGN):

, 76-

| / 2 |  |      |
|-----|--|------|
|     |  |      |
|     |  |      |
|     |  | 1000 |
|     |  | 4    |



- . (2019). Health Affairs.  
<https://doi.org/10.1377/he20190829.971169>  
 (2020). 24 . 2020  
 27 StatPearls [ ].  
 StatPearls. <https://www.ncbi.nlm.nih.gov/books/NBK482482/>  
 . (2019).  
 , 6757524.  
<https://doi.org/10.1155/2019/6757524>.  
 17 2019 .  
 (2020).  
 (BHIVA)  
 , 21(7), 409-417.  
<https://doi.org/10.1111/hiv.12842>. PMID 32125760.

1. ...
2. ... ?
3. ... : ... : ... 1. ... 2. ... 3. ... 4. ...
4. ... : ... 5. ... : ...
5. ... : ... ( ... ).
6. ... ( ... );
7. ... (habeas corpus)
8. ...
9. ...
10. ... 6. ... 7. ...
11. ... « », « »
12. ... 8. ...
13. ... 9. ... / ...
1. ...
2. ...

- 3.
- 4.
- 5.
- 6.

NCLEX (NGN): Next-Generation

32-

|  |  |  |
|--|--|--|
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |
|  |  |  |

3

- 1. 2 60
- 2. 2 45
- 3.

- 4. / ;
- 5. - - ; ;
- 6. 100%
- 1.
- 2.
- 3.
- 4.
- 5.
- 6.
- 7.
- 8.
- 9.
- 10. 30 / .
- 11. 80-90 . ; 2 50 . ;
- 12. 2-6 . ; 30 / .
- 13.
- 14.
- 15.

- 1. 9-1-1 ( - ( ), )
- 2.
- 3.
- 4.
- 5. 10 ,
- 6. 100-120/ 30:2, 30:2;
- 7. 15:2.
- 8.

9. .
  10. .
  11. , .
- 
1. : , , ;
  2. , ;
  3. ;
  4. ; ;
  5. . 7,35-7,45  
35-45 . . 2  
21-28 / 3
  6. .  
.  
.  
.
- 
1. PQ P, QRS, ( ) T, ST,
  2. PQ P
  3. QRS
  4. , -
  - 5.
  6. RR 30  
10,  
1
  - 7.
  8. 80 /
- 
1. : , ,  
, / , ( )
  2. , ; ,
  3. : , ;  
, : , ;  
; , ;
  4. , , , , ,
- 
5. ,
  6. ;
- 
7. 4-6 ; ;
  8. ; ;
  9. ; ;
  10. , ,  
; ;  
;
  11. SBAR  
(Situation-Background-Assessment-Recommendation)  
. S =  
( ( ) B =  
) A = ( / ) R =  
( / )
- 
1. , ,  
( ) ,  
( )
  2. 30-50% .
  3. .
  4. CD4 T-  
CD4 T-  
CD4 T- ,
  5. ,
  6. ,
- 
1. , , ,

|   |  | -   |
|---|--|-----|
|   |  |     |
| / |  |     |
|   |  | 4 . |

4

NCLEX (NGN):

Next-Generation

, 65-

COVID-19.

COVID

82%.

-

COVID

2

2

|   |  |  |
|---|--|--|
|   |  |  |
| <p>_____</p> <p>_____</p> <p>_____</p> <p>_____</p> |  |  |
|   |  |  |
|   |  |  |
| <p>_____ /</p> <p>_____</p> <p>_____</p>            |  |  |
|   |  |  |

1. , ,
2. 3 / ; ;
3. , ,
4. 100% O2 ( )
5. ; ;
6. , ,
7. ( / ).
8. ; ;
9. ;
10. 2 .
11. ; ;

12. ; , ;  
13. ), ( ,  
8. ,  
9. , , , ,  
10. 10 ,  
11. -  
12. , ( ,  
13. ( ,  
14. ).  
15. 2-5 / ;  
16. ,  
17. 60 / ; 100 /  
18. -  
1. ,  
2. , H2-  
3. : , , ;  
4. : . : ;  
5. ;  
6. ( ),  
7. ,  
8. , , ,  
9. ; 5  
10. ,  
11. , , ,
1. : ,  
2. ( , ),  
3. - ,  
4. -  
5. 3 / ; 2-3  
6.  
7. / . ( 3-4  
8. ,  
9. ,  
10. ( ( - ); ( );  
1. -  
2. 5 . 10 ,  
3. 140/90 .  
4. ;  
5. , ,  
6. , ;



12.

1. 3, 4

2. ,

3. : , ,

4. ;

2,5 / ;

5. , ,

6. 1

7. 2

8. , , , ,

9. , , , ,

10. ; ; ; ;

{ , );

);

11. ;

;

;

;

12. : 2-4 ;

: 6-12 ;

13. : 14-20

;

;

14. /

15. ;

;

;

;

1. -

2. ,

( ).

3. , ( , , );

4. D, ,

;

5. , , ,

;

6. .

7. , , .

8. 24 ( ) 48

{ } .

;

9. , . ;

10. , , , ,

;

11. O2 , , ,

;

12. , .

13. 25 ,

;

1. - ;

;

2. ) ( (

);

3. : , , , ,

;

4. 3 15, 7

5. ( ;

;

;

;

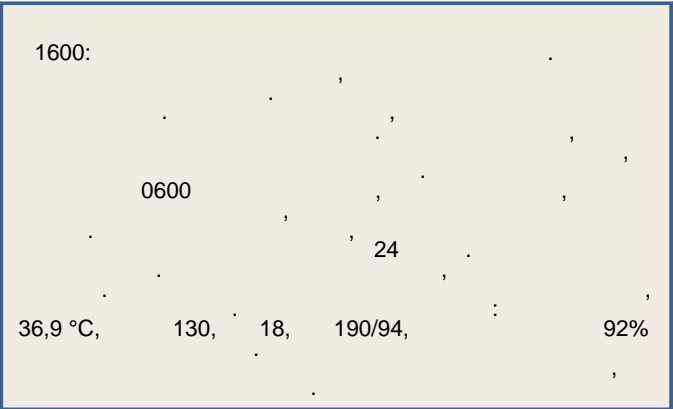
2; 100% 2

2

|     |       |       |
|-----|-------|-------|
| 6.  |       | 3.    |
|     | ( ,   |       |
|     | ),    |       |
| 7.  | ;     |       |
|     | ( 2 ) | 4.    |
| 8.  | ,     |       |
| 9.  | ,     | 5.    |
|     | ,     | 6.    |
|     | 8     | 7.    |
| 10. | ,     |       |
|     | ,     |       |
| 11. | ,     |       |
| 12. | ,     | 8.    |
| 13. | ,     |       |
| 14. | ,     |       |
| 15. | ,     |       |
|     | ,     | 9.    |
| 16. | ,     |       |
| 17. | ,     | 10.   |
|     | ,     | 30    |
| 18. | ,     | 30    |
|     | ,     | 11.   |
|     | (     | 12.   |
| 19. | )     |       |
|     | ,     | 1.    |
| 20. | ,     |       |
|     | ,     | 2.    |
| 21. | ,     |       |
| 22. | ,     |       |
|     | ,     | 3.    |
| 23. | :     |       |
| 24. | :     |       |
| 25. | ,     | 4.    |
| 26. | ,     |       |
|     | ,     |       |
|     | :     |       |
|     | ,     | 5.    |
| 1.  | B12;  | 21    |
|     | ,     | 6.    |
| 2.  | ,     |       |
|     |       | 35 40 |
|     |       | 40 44 |
|     |       | 1-2   |
|     |       | 45 54 |

NCLEX (NGN):

82-



[Redacted]

|  |   | ( ) |
|--|---|-----|
|  |   |     |
|  | / |     |
|  |   |     |
|  |   |     |

5

- 1.
- 2.
- 3.
- 4.
- 5.





## NCLEX (NGN): Next-Generation

0,45 NS 10 meq/L 150 / / .

: , 15-

5

: 1000 2 , 40 3-4  
; 100 / .

| 2<br>/ |  |       |
|--------|--|-------|
|        |  | >1000 |
|        |  |       |
|        |  |       |
|        |  |       |

| 2-6 / |       |  |
|-------|-------|--|
|       |       |  |
|       |       |  |
|       | < 50- |  |
|       |       |  |
|       |       |  |

6

1. ( , - ) ;  
; 0,5° 1 °F;
2. 14
3. 10 ; 9 3 ; 40' ; 280
4. : 7-8 ; :
5. ; 200-400 ; ,
6. (25-35 ). 11,3-15,9  
1
7. 10-12.
8. 36 4 ; 28 ; 2 28

- (17 8 [7,9 ])
- (CDC, <https://www.cdc.gov/vaccines/parents/by-age/months-6.html>)
- ( ) (DTaP) (3- )
- b (Hib) (3- )
- (IPV) (3- )
- (PCV13) (3- )
- (RV) (3- )
- : O<sub>2</sub> 2-6 6  
15 / /
- D5

1. ; 3 ( 17  
34 ); ( 5)
- 2.
- 3.
4. 8 12 1 ,

5.  
21.  
6. L/S ( ).  
7. 15 / 15  
8. / " "  
1.  
2.  
3. ),  
4.  
5. 2  
6.  
7.  
8. 0% 100%,  
9. 110 160 /  
10. 140/90  
11. 100 /  
12. 38° C.  
13.  
14.  
15.  
16.  
17.  
18.  
19.  
20. 1-4  
21.  
22.

23. , ), ( )  
24.  
25.  
26. 15 1 ; 30 2 ,  
1.  
2.  
3.  
4. ; 38°C.  
5.  
6. ( ). 15  
7.  
8.  
9. 40% 3000 /  
10.  
11.  
12.  
13. /  
14.  
1. 6-8  
2.  
3. ( );  
4. 36,5-37,4 °C; 110-160 / ; 30-60; 80/50.  
5.





## Next-Generation

| ) ( , |  |  |
|-------|--|--|
|       |  |  |
|       |  |  |
|       |  |  |

(NGN): **Next-Generation NCLEX**  
: , 29- ,  
2

(NGN):

2

NCLEX (NGN): Next-Generation

76-

|            |            |                           |
|------------|------------|---------------------------|
|            |            |                           |
| /          | 2          |                           |
| [redacted] |            | [redacted],<br>[redacted] |
|            |            |                           |
| [redacted] | [redacted] | 1000 [redacted]           |
|            |            | 4 .                       |







# A

AAA. ( , 33-35, 34b-35b ) 52t 34t  
, 35 , 228-229, 229b  
108b (AAA), 108, , 311 , 135 , 228-229, 229b  
, 246e247, 247t, 247b, , 311 , 135 , 134-135, 134b  
248t , 50, 56f , 311 , 311, 311b , 192-193 , 204  
52te53t , 50-52 , 306t , 306 , 109-110, 110f  
, 53t , 53e54, 53t, 54b , 110, 110f  
32f, 34t , 326 , 322 , 324t (ASD), 196, 197f (ADD), 205  
, 53 , 243-244 , 244, 244b / ( , 7 ), 205  
, 52 , 78 , 91-92, 91b, , 244, 244b , 244 , 208-209, 209b  
92t, 92b , 139-140, 140b , 266-268, 266b , 254  
( , 31-32 , 266-268 , 267t , 154-155, 154be155b , 96-97, 96be97b , 311,  
, 196-199 , 128b , 127-128, 127b 252t , 251-252, , 219-220, 220b 311b (BPP), 244, 244b  
, 127-128, 127b , 245 , 245 , 24 , 24b, 26te28t , 303-304  
/ , 255 , 245 317, 317b , 39t  
182-183, 183b , 245 , 245 , 235 , 235  
, 46e48 , 193t 242-243 , 266-68, 266b, 266-268 , 312f  
127b , 127-128, , 266b, 266-268 , 108 , 75  
, 43e44 , 31-73 , 97-98 , 240-241 ( , 313 )  
, 70, 70b , 240-241, 240b , 241, , 152-154, 152b, 153t,  
40e41, 40b, 41f, 41b , 54-58, 55b, 241f, 241b , 99t , 149, 149b,  
57be59b , 44-53 , 282t , 106t-107t , 204t , 164-165, 165b  
, 45, 45b, 46f, 47t , 48-49, 111t-112t , 104 -105 , 194, 194b  
48t-49t, , 44 , 44-45 , 49-50, 49b, 50t, , 169-173, 169fe170f, 170t, 171f,  
49b , 44 , 44-45 , 49-50, 49b, 50t, , 170, 170t , 171  
50b, 51t-52t , 54 , 158 159 , 171-173 , 187-188, 188f, 188b , 173  
, 43 , 43e44 , 44 , 170f , 169f, 170 , 170-171  
, 71 , 58-61 , 59-60 , 60-61, 61b , 245 , 164-165, 165b  
, 61 , 58-60, 59b , 78 , 163-164, 164b  
, 31-32 , 53 , 119-121, 120b , 86-88, 86b-88b

|   |   |  |
|---|---|--|
| ( , 88-91, 90b-91b<br>164, 164b<br>166<br>165, 165b<br>62, 254-255<br>175be176b<br>41-42, 42b<br>57f<br>41-42, 42b<br>42-43, 42b-43b<br>196-202<br>97-114, 314b, 315t<br>97-98<br>106t-107t<br>110b, 112b<br>113-114, 114b<br>114, 114b<br>112-113,<br>113b<br>101-102, 101be102b, 103t<br>98-101, 99b, 100t,<br>101b<br>102-108, 105b<br>115<br>108-109, 109b<br>141-143, 143b<br>202-205, 205b<br>152-154, 152b, 153t,<br>153be154b<br>153<br>153-154<br>284<br>7<br>50-52<br>90, 90f,<br>90b<br>43-44<br>33-35, 34be35b<br>124, 124b<br>124, 124b<br>(CVS), 243<br>(CAL), 81-86, 81b,<br>84t, 84b, 85f, 85b, 86t, 86b, 87t<br>81-85<br>85-86<br>( ), 81<br>( ), 91-92, 92be93b,<br>94te95t<br>93<br>93<br>126f<br>121-122, 121b<br>216, 216b, 217f<br>31-73<br>70, 70b<br>40-41, 40b, 41f, 41b<br>54-58, 55b,<br>57be59b<br>44-53<br>50, 56f<br>45, 45b, 46f, 47t<br>48-49,<br>48te49t,<br>49b<br>44 | ( , 44-45<br>49-50, 49be50b,<br>51te52t<br>45-48, 45b, 47t<br>54<br>43<br>43-44<br>44<br>61-65<br>62-63<br>64, 64t<br>65-67, 67b<br>67<br>65b<br>62t, 65b<br>71<br>67-69, 68be69b<br>68, 68b, 69t<br>69, 69t, 69b<br>69-70<br>68, 68b<br>58-61<br>59-60<br>60-61, 61b<br>58-60, 59b<br>61<br>31-32<br>31-32, 31b<br>33-35, 34be35b<br>35<br>41-43<br>42-43, 42be43b<br>41-42, 42b<br>44<br>35-40, 36b<br>39t<br>39t<br>38t<br>37<br>41<br>37<br>37<br>3-5,<br>4f, 5t<br>312<br>316b, 317t<br>317b, 318t<br>313t, 313b<br>313b, 314t<br>319b, 321t<br>319b, 320t<br>315b, 316t<br>321b, 323t<br>( , 10f, 11f<br>197, 197f<br>17b<br>119-121, 120b<br>304t<br>225 | , 185, 185b<br>75-76, 311-327<br>312f<br>75<br>312<br>76<br>301<br>312f<br>75-76, 75be76b<br>19<br>225b<br>225<br>70<br>(CAT),<br>5-7, 7<br>7, 8te9t<br>6<br>6-7<br>143<br>218-219,<br>219b<br>196t, 199e201, 199b<br>223, 223b<br>227e228<br>144e146,<br>144be146b<br>127t<br>(CST), 244, 244b<br>COVID-19, 29<br>184<br>128b<br>2e3<br>117<br>62<br>77, 77b<br>128<br>193, 193b<br>162, 162b<br>( ), 62<br>DDH.<br>(DDH)<br>70, 70b<br>45, 45b, 46f<br>17t<br>15-17, 17t<br>18t<br>17t<br>302<br>321-325, 322b, 324t<br>322<br>143<br>311<br>(DDH),<br>226e227, 227b, 228f<br>179-183<br>( 12 19 ) , 182-183, 183b<br>1 , 180, 180b, 181f<br>( 3 6 ) , 180e182, 182b |
|---|---|--|

, ( ) 12  
 ) , 182, 182b, 183t  
 , 179e180, 179f  
 ( 1 3 ) , 180, 181f  
 ( ) , 128e133, 129t,  
 129be130b, 133b  
 129 , 251,  
 251b ,  
 129e130 , 130e133  
 186e187, 186b -  
 " , 23e29  
 , 24, 24b, 26te28t  
 , 30  
 COVID-19, 29  
 , 24e29  
 , 23  
 , 30  
 , 29  
 , 24  
 , 23e24, 24t  
 , 311  
 ( - ) , 40e41, 40b,  
 41f, 41b , 103t  
 , 147t  
 , 118  
 , 202, 202b, 205f  
 , 7  
 , 210 211  
 , 204  
 , 109e112, 110b, 112b  
 , 109e110, 110f  
 , 110, 110f  
 , 110  
 , 110  
 , 272e275, 275b  
 , 24e29  
 , 246, 246b  
 ( ) , 311  
 ( ) , 54e58, 55b,  
 57f, 57be59b  
 , 58  
 ( ) , 300  
 , 44e53  
 - , 50, 56f  
 , 45, 45b, 46f, 47t  
 , 48e49,  
 48te49t, 49b , 44  
 , 44e45  
 , 49e50, 49be50b,  
 51te52t  
 , 54  
 , 48e49,  
 48te49t, 49b  
 258e271, 261fe262f  
 , 258e259  
 , 259e262, 263f  
 ( )  
 262e264, 263f, 264b, 265f  
 258  
 , 235  
 , 113, 114b  
 , 223-224  
 , 125-133, 319-320,  
 320b, 322t  
 , 127-128, 127b  
 , 128  
 , 128-133, 129t,  
 129be130b, 133b  
 , 125-126, 125be126b  
 , 125-126, 125be126b  
 , 126-127, 126b  
 , 125-126, 125be126b  
 , 126-127, 126b  
 126-127, 126b  
 , 127-128, 127b  
 , 133-134  
 , 325-327  
 , 233-235, 234f,  
 235b / , 68  
 94t-95t ( ) , 91-92, 92be93b,  
 , 93  
 , 93  
 " , 10f  
 , 117  
 , 193-194  
 8 , 311  
 , 217, 218f  
 , 78, 78f  
 311-328  
 , 13-30  
 , 143  
 , 184, 184f  
 (FPS-R),  
 184 , 301  
 FBAO.  
 , 235  
 , 256, 259f  
 258-271, 261fe262f  
 259-262, 263f  
 ( ) , 262-264, 263f, 264b,  
 265f  
 , 258-259, 262f  
 , 259-262  
 , 256, 260f  
 , 256  
 , 256, 260f  
 , 235  
 , 235  
 , 242-243  
 , 258-271,  
 261fe262f  
 259-262, 263f  
 ( ) , 262-264, 263f, 264b,  
 265f  
 , 258-259, 262f  
 , 259-262  
 , 110, 110f  
 , 110  
 , 101t  
 , 161e162, 162b  
 , 161e162, 162b  
 , 161e162, 162b  
 , 7  
 , 240e241, 240b  
 , 17t  
 FLACC, 184  
 , 44e53  
 - , 50, 56f  
 , 45, 45b, 46f, 47t  
 , 48e49,  
 48te49t, 49b  
 , 44  
 , 44e45  
 , 49e50,  
 49be50b, , 45e48, 45b, 47f  
 51te52t , 54  
 , 110, 110f  
 , 233  
 (FBAO), 43  
 , 43e44  
 44  
 , 7  
 , 137, 137b, 138te139t,  
 225e226, 225be226b  
 , 322  
 , 39t  
 ( ) , 115, 115b  
 - , 216e219  
 , 115e124,  
 315e316, 316b, 317t  
 123, 124b , 121e122,  
 121b , 119e121, 120b  
 , 115, 115b , 122e123,  
 122t, 123b  
 , 115, 115b  
 , 116, 118b  
 , 119, 119b  
 , 118b  
 , 123, 123b  
 115e117, 117b  
 , 124  
 , 68  
 , 1  
 , 316e317, 317b,  
 318t  
 , 317, 317b  
 , 316e317  
 , 311e328  
 , 312  
 , 314b,  
 315t , 319e320,  
 320b, 322t  
 , 315e316, 316b, 317t  
 , 316e317, 317b,  
 318t , 312e313,  
 313t, 313b  
 , 313b, 314t  
 , 319, 319b, 321t





|                       |                           |                       |                                   |
|-----------------------|---------------------------|-----------------------|-----------------------------------|
| M                     |                           | , 161e162, 162b       | (                                 |
|                       |                           | , 256, 258f, 258b     | , 233e239                         |
| 266e268, 266b         |                           | , 155e160, 155b, 160b | , 235                             |
|                       |                           | , 159                 | , 235, 236f                       |
|                       | , 266e268                 |                       | , 233e235, 234f,                  |
|                       | , 266                     | , 159e160             | 235b                              |
|                       | , 266                     | , 155e159             | , 235                             |
|                       | , 271e275                 | , 19, 19t             | , 235e237, 237t, 237b             |
|                       | , 264                     |                       | , 235e239                         |
| , 264e266, 264b, 268t | 31e73                     |                       | , 233                             |
| , 270e271, 271b, 272t |                           |                       | , 235                             |
| , 271e272, 273te274t  | 311e328                   |                       | , 237e238                         |
| , 268e269, 269f, 269b | -                         |                       | , 235                             |
| , 270, 270t           | , 75e178                  |                       | , 238e239, 239t, 239b             |
| , 86e88, 86be88b      | , 322, 325t               |                       | , 246                             |
| , 86                  |                           | , 170, 170t           | , 246, 246b                       |
|                       |                           | , 88e91, 90be91b      | , 286e289                         |
| , 86e88               |                           | , 88                  | , 290f,                           |
| , 20e21               |                           |                       | 291t                              |
| , 20e21               |                           | , 89e91               | , 291b                            |
| , 13e14               | -                         |                       | , 291e293,                        |
| , 14                  |                           | , 46                  | 292be293b                         |
| , 13e30               |                           | , 135, 135b           | , 291                             |
| , 19                  |                           | , 233                 |                                   |
| , 15e17, 17t          | , 62                      |                       | 285e286,                          |
| 23e29                 |                           |                       | 285b                              |
| , 24, 24b, 26te28t    |                           | , 325e327             | , 292t                            |
| , 30                  |                           |                       | , 291t                            |
| COVID-19, 29          | 304                       |                       | , 285                             |
| , 24e29               |                           |                       |                                   |
| , 23                  | 304e305                   |                       | 293e294                           |
| , 30                  | 305                       |                       | 294, 294b                         |
| , 29                  | , 14, 16t                 |                       | , 293                             |
| , 24                  | , 13e14                   |                       | , 293                             |
| , 23e24, 24t          |                           | , 6t, 6b,             | 285e293                           |
| , 18e19               | 311                       |                       | -                                 |
| , 20e21               |                           |                       | , 290                             |
| , 13e14               | 233e298                   |                       | , 287 289                         |
|                       |                           |                       | , 286                             |
| 20e23                 | 246e247, 247t, 247b, 248t |                       | , 298                             |
| , 21e22               | , 243e244                 |                       | , 281 284                         |
| , 22                  |                           | , 244, 244b           | , 284                             |
| , 20e21               | -                         | , 244, 244b           | , 282e284, 284t, 284b             |
|                       |                           | , 244                 | , 281e282, 282t, 282b             |
| 20e21                 |                           | , 244, 244b           | , 284e285                         |
| , 21                  |                           | , 245                 | , 241, 242b                       |
|                       | , 255                     |                       | , 298                             |
| 22, 22b               |                           | , 245                 |                                   |
| , 20e21               |                           | , 245                 | 294e296, 295f, 295b               |
| , 22e23, 23b          |                           | , 242e243             | , 239e241                         |
| , 23                  | , 244                     |                       | , 240e241                         |
| , 21, 21b             |                           | , 243                 | , 239e240                         |
| , 14, 16t             |                           |                       | , 242                             |
| , 14, 16t             |                           | , 258e271, 261fe262f  | , 276e281, 277b,                  |
| , 17e19, 18t          |                           | , 245e246             | , 280e281,                        |
| 190e191, 190b         |                           | , 247e258             |                                   |
|                       | , 251e252, 252t           |                       | 279b                              |
|                       |                           | , 254                 | 280t                              |
| , 76e77, 76b          | , 254e255                 |                       | , 280, 280t                       |
| , 21e22               |                           | , 247,                | , 279b                            |
| , 22                  | 249t                      | , 254                 | , 281                             |
|                       | /                         | , 254                 | , 279b                            |
|                       | , 254                     |                       | -                                 |
|                       | , 252                     |                       | 296e297                           |
| 1996                  |                           | , 256e258,            | , 296e297, 297f                   |
| , 22, 22b             | 256b                      |                       |                                   |
| , 20e21               |                           | , 255                 | 242e243                           |
| , 22e23, 23b          | , 247e248, 250t           |                       |                                   |
| , 23                  |                           | , 252, 252t           |                                   |
| , 21, 21b             | , 255, 255t               |                       | , 286t                            |
|                       |                           |                       | , 75e178                          |
|                       | 255                       |                       | , 169e173, 169fe170f, 170t, 171f, |
| TORCH-                |                           | , 252, 253te254t      | 173b,                             |
|                       |                           | , 255e256             | 175be176b                         |
|                       |                           | , 298                 | , 170,                            |
|                       |                           |                       | 170t, 173                         |
|                       |                           |                       | , 170f                            |

|                                |                                  |             |                                |
|--------------------------------|----------------------------------|-------------|--------------------------------|
| -                              | -                                | (           | 208e209, 209b                  |
| (                              | -                                | , 151       | , 233e239                      |
| , 169f, 170                    | , 146e148, 146f, 147b            | , 150,      | , 233                          |
| , 170e171                      | , 149e150, 150b                  | , 151, 151b | , 223e224                      |
| -                              | 150b, 151t                       | , 151, 151b | , 114, 114b                    |
| , 97e114                       | , 154                            |             | , 204                          |
| , 108, 108b                    | 148e149, 148be149b               | /           | MMR, 210te211t                 |
| , 97e98                        | , 152e154, 152b, 153t, 153be154b |             | , 246                          |
| 106te107t                      | 141e143, 143b                    |             | , 258e271, 261fe262f           |
| 110b, 112b                     | , 143                            |             | , 306                          |
|                                | , 143                            |             | , 305t                         |
| 113b                           | , 140, 141b, 142t                |             | -                              |
| , 101e102, 101be102b, 103t     | , 143e144, 143be144b             |             | , 201                          |
| -                              | , 91e97                          |             | , 322                          |
| 114b                           | , 91e92, 91b, 92t,               |             | , 7                            |
| 101b                           | 92b                              |             | , 149e150, 150b                |
|                                | , 96e97, 96be97b                 |             | , 211b                         |
| , 102e108, 105b                |                                  |             | , 313b, 314t                   |
| 115                            | 91e92, 92be93b, 94te95t          |             | , 139e140, 140b                |
| , 108e109, 109b                | , 91e92, 92be93b, 94te95t        |             | 137, 137b, 138te139t           |
| , 114, 114b                    | , 97                             |             | 137e139, 139b                  |
|                                | , 93e95,                         |             | , 135,                         |
| , 77e78, 125e133               | 95b                              |             | 135b                           |
| , 127e128, 127b                | 95be96b                          |             | 135e137, 136f, 136b            |
| , 128                          |                                  |             | , 150, 150b, 151t              |
| , 128e133, 129t,               | , 161e167                        |             | ( ), 98e101, 99b,              |
| 129be130b, 133b                |                                  |             | 100t,                          |
| , 125e126, 125be126b           | 161e162, 162b                    |             | 101b                           |
| , 125e126, 125f,               | 164e165, 165b                    |             | , 98                           |
| 125be126b                      | , 163e164, 164b                  |             | 98e99                          |
| 126e127, 126b                  | , 166                            |             | , 99e101                       |
| 125e126, 125be126b             | , 162, 162b                      |             | , 161e162, 162b                |
| 126e127, 126b                  | , 161e162, 162b                  |             | , 126e127, 126b                |
| 126e127, 126b                  | , 161e162, 162b                  |             |                                |
|                                | 161e162, 162b                    |             | , 68, 68b, 69t                 |
| , 127e128, 127b                | , 161e162, 162b                  |             |                                |
| , 133e134                      | , 161e162, 162b                  |             | (NCSBN), 3, 16                 |
| , 115e124                      | 161e162, 162b                    |             | NCLEX-RN                       |
| , 123, 124b                    | , 164, 164b                      |             | , 1e11                         |
| , 121e122, 121b                | , 169                            |             | , 10f                          |
| , 119e121, 120b                | , 167, 167b, 168t                |             | , 3e5                          |
| , 115, 115b                    | , 162, 162b                      |             |                                |
| , 122e123, 122t, 123b          | , 78e91                          |             | 5e7                            |
| , 115, 115b                    | , 86e88, 86be88b                 |             | , 7e11                         |
| , 119, 119b                    | , 88e91, 90be91b                 |             | NCLEX-RN,                      |
| , 118b                         | 78e81, 78b, 81b                  |             | 75e178                         |
| , 123, 123b                    | 89t                              |             | , 31e73                        |
| , 115e117,                     | , 91                             |             | , 311e328                      |
| 117b                           | /                                |             | NCSBN.                         |
| , 124                          | , 177, 177b                      |             |                                |
| , 154e155,                     | , 99                             |             | , 327                          |
| 154be155b, 161                 | 106 107                          |             | , 1, 1b                        |
| , 160e161, 161b                | , 104 105                        |             | , 296b                         |
| , 155e160, 155b, 160b          | , 158 159                        |             | , 293                          |
| , 161                          | 152                              |             |                                |
| 134e140                        | , 116                            |             | , 213e214, 214t                |
| 140b                           | , 127                            |             | , 144e154, 319,                |
| 138te139t                      | , 147                            |             | , 149,                         |
| 137e139, 139b                  | , 101                            |             | 152e154, 152b, 153t, 153be154b |
| 135, 135b                      | , 132                            |             | , 151                          |
| , 135e137, 136f, 136b          | , 118b                           |             | , 146e148, 146f, 147b          |
| , 140                          |                                  |             | , 149e150, 150b                |
| , 134e135, 134b                |                                  |             | , 150,                         |
| , 144e154                      | 131t                             |             | 150b, 151t                     |
| 144e146, 144be146b             | , 127t                           |             | , 151, 151b                    |
| , 149,                         | , 2e3, 2b                        |             | , 154                          |
| 149b                           | , 319,                           |             | , 148e149,                     |
| 152e154, 152b, 153t, 153be154b | 320t                             |             | 148be149b                      |
|                                |                                  |             | 152e154, 152b, 153t, 153be154b |



( , 186e187, 186b  
, 190e191, 190b  
, 188e189, 189b  
, 185e186,  
187t  
, 189, 189b  
, 212e216  
, 216  
, 213e214, 214t  
212e213, 212be213b  
, 216  
214e215  
, 215t  
, 215  
215e216  
( ),  
, 191e195  
, 193t  
, 192e193  
, 194, 194b  
, 191, 191t, 191b  
, 193, 193b  
, 193e194  
, 194e195, 195b  
, 195  
, 195, 195b  
42be43b  
, 225e229  
226e227,  
227b, 228f  
, 225e226, 225be226b  
, 228e229, 229b  
, 226t  
, 229  
, 227e228, 227b  
, 185e186, 187t  
, 42be43b  
( ),  
115e117, 117b  
( ), 98,  
112f  
, 113, 114b  
, 58e61  
, 59e60  
, 60e61, 61b  
, 58e60, 59b  
, 61  
( ), 102e108,  
105b  
102e105  
, 105e108  
, 105  
, 266  
( ), 223e224,  
223be224bb  
, 108  
287te289t  
, 287te289t  
, 311  
, 48  
, 246e247, 247t,  
247b  
, 62  
, 78e81, 78b, 81b,  
82te83t  
78e80  
, 80e81  
, 189,  
189b  
, 190e191, 190b  
, 210te211t  
61b , 1 , 60e61,  
, 284  
, 282e284, 284t, 284b  
, 281e282, 282t, 282b  
284e285  
(PSGN), 212e213, 212be213b  
, 247e248, 250t  
, 246, 246b  
, 247e258  
, 246  
, 235  
, 235  
, 239e241  
( ), 112, 112f  
, 241, 242b  
, 58e60, 59b  
( 3  
6 ), 180e182, 182b  
, 22, 22b  
, 271e272, 273te274t  
, 294e296, 295f, 295b  
, 76  
, 76  
, 76  
, 325e327  
, 127e128,  
127b  
, 311  
, 233  
184be185b  
, 191  
96be97b, 166  
PSGN.  
, 96e97,  
, 302e305  
(PMH), 299  
, 299e310  
, 306t  
, 306  
301e302, 302b  
, 301  
, 301  
, 20e21  
, 306  
, 305t  
, 307  
, 302e305  
303e304  
, 304t  
, 304  
, 302e303, 302b, 303t, 303b  
, 302e303, 302b  
305  
302  
, 299  
, 300  
( , 299e300 )  
, 307  
, 300  
, 300, 300b  
, 301  
, 302  
, 311  
, 322  
182b, 183t  
, 276e281  
, 276e281, 277b, 279b  
, 280e281, 280t  
, 280,  
280t  
, 279b  
, 281  
, 279b  
, 88, 88b, 89t  
, 191t  
, 162, 162b  
, 117  
212e216  
, 91e97  
, 91e92, 91b, 92t,  
92b  
, 96e97, 96be97b  
, 97  
, 93e95, 95b  
, 95e96,  
95be96b  
, 137e139, 139b  
, 161e167, 319,  
319b, 320t  
, 161e162,  
162b  
, 164e165, 165b  
, 163e164, 164b  
, 166  
, 162, 162b  
, 161e162, 162b  
, 161e162, 162b  
, 161e162, 162b, 161e162, 162b  
, 319, 320t  
, 161e162, 162b  
, 164, 164b  
, 162, 162b  
, 169  
, 167, 167b, 168t  
, 165,  
165b  
, 319, 320t  
, 162, 162b  
, 194b  
191e195  
- , 296e297  
, 296e297, 297f  
, 31e32  
31e32,  
31b, 34be35b  
, 33e35, 34be35b  
, 35  
, 191

, 78e91, 314e315,  
 315b, 316t  
 , 86e88, 86be88b  
 , 88e91, 90be91b  
 , 81e86, 81b, 84t, 84b, 85f, 85be86b  
 , 78e81, 78b, 81b  
 , 88, 88b, 89t  
 , 91  
 , 22e23, 23b  
 , 41e43  
 - , 42e43, 42be43b  
 , 41e42, 42b  
 , 42be43b  
 , 44  
 , 143  
 , 209  
 200  
 ( ), 134e135,  
 134b  
 31e73  
 , 311e328  
 , 75e178  
 ( ), 185t  
 ( ), 185t  
 , 299  
 , 211b  
 , 187  
 SCD.  
 302e303, 302b, 303t,  
 303b  
 , 302e303, 302b, 303t, 303b  
 ( 6  
 12 ), 182, 182b, 183t  
 , 227e228, 227b  
 , 233e234  
 , 207e208, 208b  
 , 300  
 , 320e321, 321b,  
 323t  
 , 169f, 170  
 ( ), 167, 167b, 168t  
 ( ), 252, 252t  
 , 24  
 , 35e40, 36b  
 , 39t  
 , 39t  
 , 38t  
 , 37  
 , 41  
 , 37  
 , 37  
 221e222, 221f, 221be222b  
 (START), 24, 25f  
 , 225e229  
 , 81b  
 , 205e206,  
 206f  
 , 148e149,  
 148be149b  
 , 225  
 , 77  
 , 77  
 , 327  
 , 245  
 , 245  
 , 114, 114b  
 , 120  
 , 152e154, 152b, 153t,  
 153be154b, 177, 177b  
 , 153  
 , 153e154  
 241, 241f, 241b  
 307  
 , 255  
 , 68  
 305  
 , 304t  
 , 17e19, 18t  
 , 17b  
 , 75e178  
 , 169e173, 169fe170f, 170t, 171f,  
 173b, 175be176b  
 , 170, 170t  
 , 173  
 , 170f  
 , 169f, 170  
 170e171  
 , 86e88, 86be88b  
 , 108, 108b  
 , 109e112,  
 106te107t  
 110b, 112b  
 , 101t,  
 112e113, 113b  
 101be102b, 103t  
 , 113e114, 114b  
 , 98e101, 99b, 100t,  
 101b  
 , 102e108, 105b  
 , 108e109, 109b  
 , 114, 114b  
 , 77e78  
 , 125e133  
 , 127e128, 127b  
 , 128  
 , 128e133, 129t,  
 129be130b, 133b  
 , 125e126, 125be126b  
 , 125e126, 125f,  
 125be126b  
 , 126e127, 126b  
 , 125e126, 125be126b  
 , 126e127, 126b  
 126e127, 126b  
 127e128, 127b  
 , 133e134  
 , 115e124  
 , 123, 124b  
 121e122, 121b  
 , 119e121, 120b  
 , 115, 115b  
 , 122e123,  
 122t, 123b  
 , 115, 115b  
 , 116, 118b  
 , 119, 119b  
 ( )  
 , 123, 123b  
 , 115e117, 117b  
 , 117  
 , 124  
 , 154e161  
 , 154e155,  
 154be155b,  
 161  
 , 160e161, 161b  
 , 155e160, 155b, 160b  
 , 161  
 134e140  
 , 139e140, 140b  
 , 137, 137b, 138te139t  
 , 137e139, 139b  
 135, 135b  
 , 135e137, 136f, 136b  
 , 140  
 , 134e135, 134b  
 , 144e154  
 144e146, 144be146b  
 , 149,  
 149b  
 152e154, 152b, 153t, 153be154b  
 , 151  
 , 146e148, 146f, 147b  
 , 149e150, 150b  
 , 150,  
 150b, 151t  
 , 151, 151b  
 , 154  
 , 148e149,  
 148be149b /  
 152e154, 152b, 153t,  
 153be154b  
 , 141e143, 143b  
 , 143  
 , 140, 141b, 142t  
 , 143e144, 143be144b  
 , 135  
 , 91e97  
 , 91e92,  
 91b, 92t, 92b  
 96e97, 96be97b  
 , 91e92, 92be93b, 94te95t  
 , 91e92, 92be93b, 94te95t  
 , 97  
 93e95, 95b  
 95e96, 95be96b  
 , 161e167  
 , 161e162, 162b  
 164e165, 165b  
 , 163e164, 164b  
 , 166  
 , 162, 162b  
 , 161e162,  
 162b  
 , 161e162, 162b  
 , 161e162, 162b  
 161e162, 162b  
 , 161e162, 162b  
 , 164, 164b  
 , 162, 162b  
 , 169  
 , 167, 167b, 168t

